

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122118\
 Data File : VW007700.D
 Acq On : 19 Dec 2018 14:27
 Operator : SY/AP
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Quant Time: Dec 20 06:23:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 05:57:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	70646	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	114083	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	102878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	53060	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	15823	20.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.86%	
35) Dibromofluoromethane	7.88	113	14023	20.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.30%	
50) Toluene-d8	10.32	98	52787	20.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.24%	
62) 4-Bromofluorobenzene	12.62	95	20860	20.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.16%	

apatel

12/20/2018 11:19:36 AM

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	12285	19.561	ug/l	89
3) Chloromethane	2.21	50	7915	20.524	ug/l	100
4) Vinyl Chloride	2.37	62	10258	20.896	ug/l	94
5) Bromomethane	2.78	94	6806	19.905	ug/l	85
6) Chloroethane	2.92	64	5439	20.709	ug/l	95
7) Trichlorofluoromethane	3.25	101	9576	18.736	ug/l	98
8) Diethyl Ether	3.68	74	5863	18.729	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.07	101	15737	21.175	ug/l	96
10) Methyl Iodide	4.26	142	24862	20.770	ug/l	98
11) Tert butyl alcohol	5.17	59	5642	108.015	ug/l	98
12) 1,1-Dichloroethene	4.03	96	14494	20.795	ug/l	98
13) Acrolein	3.89	56	4827	115.579	ug/l	95
14) Allyl chloride	4.67	41	18842	20.614	ug/l	99
15) Acrylonitrile	5.37	53	13933	104.339	ug/l	97
16) Acetone	4.12	43	14878	102.609	ug/l	98
17) Carbon Disulfide	4.38	76	44225	20.504	ug/l	99
18) Methyl Acetate	4.67	43	6895	19.995	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	21272	21.258	ug/l	92
20) Methylene Chloride	4.90	84	17863	20.440	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	15696	20.475	ug/l	98
22) Diisopropyl ether	6.31	45	36118	21.103	ug/l	98
23) Vinyl Acetate	6.25	43	105807	104.054	ug/l	97
24) 1,1-Dichloroethane	6.21	63	26296	20.885	ug/l	97
25) 2-Butanone	7.17	43	17967	105.791	ug/l	95
26) 2,2-Dichloropropane	7.16	77	19799	21.489	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	16895	20.687	ug/l	99
28) Bromochloromethane	7.51	49	8746	20.373	ug/l	99
29) Tetrahydrofuran	7.52	42	10716	105.781	ug/l	100
30) Chloroform	7.68	83	30178	21.179	ug/l	97
31) Cyclohexane	7.95	56	23572	20.450	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	26950	20.767	ug/l	98
36) 1,1-Dichloropropene	8.08	75	22629	20.551	ug/l	99
37) Ethyl Acetate	7.25	43	7692	20.242	ug/l	98
38) Carbon Tetrachloride	8.06	117	26529	20.458	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122118\
 Data File : VW007700.D
 Acq On : 19 Dec 2018 14:27
 Operator : SY/AP
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Quant Time: Dec 20 06:23:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 05:57:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	28141	20.567	ug/l	98
40) Benzene	8.32	78	60861	20.713	ug/l	100
41) Methacrylonitrile	7.49	41	4312	19.986	ug/l	92
42) 1,2-Dichloroethane	8.40	62	20437	20.755	ug/l	98
43) Isopropyl Acetate	8.43	43	15477	20.329	ug/l	98
44) Trichloroethene	9.09	130	18287	20.580	ug/l	100
45) 1,2-Dichloropropane	9.37	63	13405	20.561	ug/l	95
46) Dibromomethane	9.46	93	8358	20.825	ug/l	99
47) Bromodichloromethane	9.65	83	21670	20.539	ug/l	95
48) Methyl methacrylate	9.44	41	7797	20.517	ug/l	97
49) 1,4-Dioxane	9.45	88	2617	411.281	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	37242	103.507	ug/l	97
52) Toluene	10.39	92	40020	20.300	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	21598	20.580	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	23886	20.606	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	11854	21.425	ug/l	95
56) Ethyl methacrylate	10.65	69	13480	20.621	ug/l	96
57) 1,3-Dichloropropane	10.93	76	19046	20.730	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	31440	105.339	ug/l	99
59) 2-Hexanone	10.97	43	25886	102.301	ug/l	99
60) Dibromochloromethane	11.13	129	15125	20.646	ug/l	99
61) 1,2-Dibromoethane	11.24	107	11422	20.386	ug/l	98
64) Tetrachloroethene	10.86	164	15267	20.957	ug/l	97
65) Chlorobenzene	11.66	112	47155	21.177	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	16549	20.800	ug/l	98
67) Ethyl Benzene	11.73	91	80691	21.118	ug/l	97
68) m/p-Xylenes	11.84	106	63556	42.878	ug/l	99
69) o-Xylene	12.17	106	30002	21.593	ug/l	94
70) Styrene	12.18	104	48208	21.108	ug/l	99
71) Bromoform	12.35	173	8527	20.645	ug/l	97
73) Isopropylbenzene	12.47	105	83417	20.798	ug/l	100
74) N-amyl acetate	12.27	43	14233	20.487	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	12490	20.770	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	7831m	9.749	ug/l	
77) Bromobenzene	12.75	156	19075	20.753	ug/l	100
78) n-propylbenzene	12.80	91	98136	21.020	ug/l	99
79) 2-Chlorotoluene	12.90	91	56077	20.618	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	73491	21.243	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	4033	20.642	ug/l	97
82) 4-Chlorotoluene	12.99	91	60103	20.754	ug/l	97
83) tert-Butylbenzene	13.21	119	64844	21.362	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	75685	21.681	ug/l	99
85) sec-Butylbenzene	13.39	105	88372	21.124	ug/l	100
86) p-Isopropyltoluene	13.51	119	81986	21.552	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	38687	21.199	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	37775	20.693	ug/l	98
89) n-Butylbenzene	13.83	91	73554	21.089	ug/l	99
90) Hexachloroethane	14.10	117	13549	20.288	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	35070	21.463	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2504	20.276	ug/l	97

apatel

12/20/2018 11:19:36 AM

#

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122118\
Data File : VW007700.D
Acq On : 19 Dec 2018 14:27
Operator : SY/AP
Sample : VSTDICC020
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Quant Time: Dec 20 06:23:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 05:57:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	23779	20.965	ug/l	99
94) Hexachlorobutadiene	15.24	225	12770	21.067	ug/l	98
95) Naphthalene	15.37	128	43845	20.909	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	20290	20.898	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed apatel

12/20/2018 11:19:36 AM

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122118\
Data File : VW007700.D
Acq On : 19 Dec 2018 14:27
Operator : SY/AP
Sample : VSTDIC020
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

Quant Time: Dec 20 06:23:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 05:57:50 2018
Response via : Initial Calibration

