

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100418\
 Data File : VW005835.D
 Acq On : 04 Oct 2018 04:03
 Operator : SY/AP
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

apatel
 10/4/2018 2:47:04 PM

Quant Time: Oct 04 06:47:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 05:22:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	177474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	273718	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	262719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	143730	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	45215	21.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.96%	
35) Dibromofluoromethane	7.89	113	37012	21.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.70%	
50) Toluene-d8	10.33	98	143551	20.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.90%	
62) 4-Bromofluorobenzene	12.62	95	54368	20.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	20989	17.694	ug/l	100
3) Chloromethane	2.21	50	22181	15.816	ug/l	92
4) Vinyl Chloride	2.37	62	34164	19.789	ug/l	99
5) Bromomethane	2.79	94	23997	20.483	ug/l	94
6) Chloroethane	2.93	64	20875	18.870	ug/l	95
7) Trichlorofluoromethane	3.26	101	22880	17.234	ug/l	100
8) Diethyl Ether	3.68	74	18417	20.626	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	32566	19.158	ug/l	98
10) Methyl Iodide	4.27	142	53731	20.311	ug/l	100
11) Tert butyl alcohol	5.23	59	14405m	118.325	ug/l	
12) 1,1-Dichloroethene	4.04	96	31764	19.387	ug/l	94
13) Acrolein	3.90	56	15145	160.437	ug/l	99
14) Allyl chloride	4.67	41	51041	18.090	ug/l	100
15) Acrylonitrile	5.38	53	41768	105.638	ug/l	99
16) Acetone	4.14	43	37318	99.161	ug/l	97
17) Carbon Disulfide	4.37	76	94711	18.348	ug/l	98
18) Methyl Acetate	4.68	43	20497	20.213	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	54447	21.282	ug/l	97
20) Methylene Chloride	4.92	84	46470	21.834	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	35053	19.537	ug/l	92
22) Diisopropyl ether	6.32	45	110675	20.136	ug/l	99
23) Vinyl Acetate	6.26	43	311274	98.563	ug/l	100
24) 1,1-Dichloroethane	6.22	63	68597	20.099	ug/l	99
25) 2-Butanone	7.18	43	54300	105.146	ug/l	97
26) 2,2-Dichloropropane	7.17	77	42379	18.139	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	39641	20.077	ug/l	98
28) Bromochloromethane	7.52	49	26048	19.630	ug/l	98
29) Tetrahydrofuran	7.54	42	33781	104.487	ug/l	99
30) Chloroform	7.68	83	73967	20.899	ug/l	100
31) Cyclohexane	7.96	56	54448	16.817	ug/l	93
32) 1,1,1-Trichloroethane	7.88	97	62506	20.099	ug/l	99
36) 1,1-Dichloropropene	8.09	75	52077	18.769	ug/l	99
37) Ethyl Acetate	7.27	43	23355	19.861	ug/l	99
38) Carbon Tetrachloride	8.07	117	58516	19.659	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100418\
 Data File : VW005835.D
 Acq On : 04 Oct 2018 04:03
 Operator : SY/AP
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDIC020

Manual Integrations
 APPROVED

apatel
 10/4/2018 2:47:04 PM

Quant Time: Oct 04 06:47:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 05:22:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	56419	17.295	ug/l	96
40) Benzene	8.33	78	156751	19.871	ug/l	100
41) Methacrylonitrile	7.49	41	14656	21.548	ug/l	97
42) 1,2-Dichloroethane	8.40	62	54228	21.218	ug/l	99
43) Isopropyl Acetate	8.43	43	46474	19.993	ug/l	99
44) Trichloroethene	9.10	130	40269	19.876	ug/l	95
45) 1,2-Dichloropropane	9.37	63	37046	19.279	ug/l	98
46) Dibromomethane	9.46	93	21117	21.548	ug/l	98
47) Bromodichloromethane	9.65	83	53651	20.543	ug/l	96
48) Methyl methacrylate	9.44	41	22141	20.027	ug/l	98
49) 1,4-Dioxane	9.48	88	6953	444.508	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	123645	105.254	ug/l	99
52) Toluene	10.39	92	97944	19.853	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	52560	20.093	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	58835	20.099	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	30143	21.617	ug/l	97
56) Ethyl methacrylate	10.65	69	35318	20.533	ug/l	97
57) 1,3-Dichloropropane	10.94	76	51112	20.789	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	78258	102.380	ug/l	100
59) 2-Hexanone	10.98	43	83163	104.457	ug/l	100
60) Dibromochloromethane	11.13	129	36923	21.741	ug/l	97
61) 1,2-Dibromoethane	11.24	107	28025	21.510	ug/l	98
64) Tetrachloroethene	10.87	164	38965	20.474	ug/l	99
65) Chlorobenzene	11.66	112	112674	20.035	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	42326	20.769	ug/l	99
67) Ethyl Benzene	11.74	91	189397	19.027	ug/l	97
68) m/p-Xylenes	11.85	106	148319	39.305	ug/l	99
69) o-Xylene	12.17	106	67993	19.256	ug/l	97
70) Styrene	12.19	104	119030	20.035	ug/l	99
71) Bromoform	12.35	173	23675	21.646	ug/l #	100
73) Isopropylbenzene	12.47	105	191193	19.160	ug/l	99
74) N-amyl acetate	12.28	43	44250	19.528	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	35912	21.390	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	30231m	24.261	ug/l	
77) Bromobenzene	12.76	156	48756	20.628	ug/l	99
78) n-propylbenzene	12.81	91	231444	19.209	ug/l	99
79) 2-Chlorotoluene	12.90	91	139070	19.861	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	171255	19.721	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	10252	18.730	ug/l	94
82) 4-Chlorotoluene	12.99	91	146542	19.839	ug/l	99
83) tert-Butylbenzene	13.21	119	138372	18.982	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	175855	20.029	ug/l	98
85) sec-Butylbenzene	13.39	105	205682	19.505	ug/l	99
86) p-Isopropyltoluene	13.51	119	182715	19.272	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	100024	20.747	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	98967	20.667	ug/l	99
89) n-Butylbenzene	13.83	91	165695	18.638	ug/l	99
90) Hexachloroethane	14.10	117	34386	20.000	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	90819	21.257	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6829	21.124	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100418\
Data File : VW005835.D
Acq On : 04 Oct 2018 04:03
Operator : SY/AP
Sample : VSTDICC020
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

apatel
10/4/2018 2:47:04 PM

Quant Time: Oct 04 06:47:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 04 05:22:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	63123	20.813	ug/l	99
94) Hexachlorobutadiene	15.24	225	38327	19.612	ug/l	97
95) Naphthalene	15.38	128	106898	20.704	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	57087	21.242	ug/l	99

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

