

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122118\
 Data File : VW007703.D
 Acq On : 19 Dec 2018 15:45
 Operator : SY/AP
 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

apatel
 12/20/2018 11:19:45 AM

Quant Time: Dec 20 06:28:30 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	72190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	115358	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	105264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	52652	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	83225	105.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	210.36%	
35) Dibromofluoromethane	7.88	113	73898	105.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	210.02%	
50) Toluene-d8	10.32	98	275804	103.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	207.92%	
62) 4-Bromofluorobenzene	12.62	95	105213	102.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	205.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	67847	105.720	ug/l	96
3) Chloromethane	2.22	50	43165	109.534	ug/l	95
4) Vinyl Chloride	2.37	62	52747	105.148	ug/l	91
5) Bromomethane	2.78	94	36961	105.784	ug/l	93
6) Chloroethane	2.93	64	28959	107.905	ug/l	96
7) Trichlorofluoromethane	3.26	101	58391	111.804	ug/l	98
8) Diethyl Ether	3.68	74	33977	106.215	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	77539	102.101	ug/l	97
10) Methyl Iodide	4.26	142	126190	103.165	ug/l	100
11) Tert butyl alcohol	5.18	59	26923	504.412	ug/l	98
12) 1,1-Dichloroethene	4.03	96	74045	103.961	ug/l	99
13) Acrolein	3.89	56	21067	493.644	ug/l	98
14) Allyl chloride	4.66	41	96378	103.188	ug/l	99
15) Acrylonitrile	5.37	53	73291	537.110	ug/l	99
16) Acetone	4.12	43	72846	491.650	ug/l	94
17) Carbon Disulfide	4.37	76	225573	102.344	ug/l	98
18) Methyl Acetate	4.67	43	38263	108.587	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	105352	103.032	ug/l	95
20) Methylene Chloride	4.91	84	75104	84.101	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	80550	102.830	ug/l	96
22) Diisopropyl ether	6.31	45	181887	104.001	ug/l	99
23) Vinyl Acetate	6.25	43	562773	541.612	ug/l	100
24) 1,1-Dichloroethane	6.21	63	133404	103.688	ug/l	99
25) 2-Butanone	7.17	43	90883	523.682	ug/l	99
26) 2,2-Dichloropropane	7.16	77	92837	98.608	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	85754	102.754	ug/l	99
28) Bromochloromethane	7.51	49	45913	104.665	ug/l #	99
29) Tetrahydrofuran	7.53	42	56905	549.714	ug/l	99
30) Chloroform	7.68	83	150495	103.360	ug/l	100
31) Cyclohexane	7.95	56	114591	97.289	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	136516	102.948	ug/l	99
36) 1,1-Dichloropropene	8.08	75	114509	102.845	ug/l	100
37) Ethyl Acetate	7.25	43	40339	104.980	ug/l	98
38) Carbon Tetrachloride	8.07	117	137505	104.865	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	143703	103.867	ug/l	98
40) Benzene	8.32	78	303912	102.289	ug/l	98
41) Methacrylonitrile	7.48	41	24363	111.674	ug/l	95
42) 1,2-Dichloroethane	8.40	62	104401	104.854	ug/l	100
43) Isopropyl Acetate	8.43	43	83127	107.980	ug/l	98
44) Trichloroethene	9.09	130	91945	102.331	ug/l	99
45) 1,2-Dichloropropane	9.37	63	69109	104.828	ug/l	98
46) Dibromomethane	9.46	93	42570	104.898	ug/l	99
47) Bromodichloromethane	9.65	83	112630	105.569	ug/l	99
48) Methyl methacrylate	9.44	41	41888	109.008	ug/l	97
49) 1,4-Dioxane	9.45	88	14043	2182.570	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	195607	537.645	ug/l	99
52) Toluene	10.39	92	203144	101.907	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	115073	108.438	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	124029	105.812	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	59562	106.463	ug/l	96
56) Ethyl methacrylate	10.65	69	74025	111.988	ug/l	98
57) 1,3-Dichloropropane	10.93	76	97469	104.916	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	158425	524.935	ug/l	99
59) 2-Hexanone	10.97	43	141052	551.275	ug/l	99
60) Dibromochloromethane	11.13	129	78645	106.167	ug/l	99
61) 1,2-Dibromoethane	11.24	107	60310	106.451	ug/l	99
64) Tetrachloroethene	10.86	164	76083	102.070	ug/l	98
65) Chlorobenzene	11.66	112	231575	101.641	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	84540	103.845	ug/l	99
67) Ethyl Benzene	11.73	91	403824	103.289	ug/l	98
68) m/p-Xylenes	11.84	106	308976	203.728	ug/l	98
69) o-Xylene	12.17	106	147148	103.506	ug/l	99
70) Styrene	12.18	104	247437	105.884	ug/l	99
71) Bromoform	12.35	173	46298	109.551	ug/l #	99
73) Isopropylbenzene	12.47	105	419893	105.503	ug/l	100
74) N-amyl acetate	12.27	43	76917	111.575	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	63413	106.269	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	50104m	62.860	ug/l	
77) Bromobenzene	12.75	156	94982	104.136	ug/l	99
78) n-propylbenzene	12.81	91	485388	104.771	ug/l	100
79) 2-Chlorotoluene	12.90	91	283753	105.138	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	358825	104.524	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	21494	110.867	ug/l	97
82) 4-Chlorotoluene	12.99	91	297729	103.606	ug/l	99
83) tert-Butylbenzene	13.21	119	316178	104.967	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	359301	103.723	ug/l	100
85) sec-Butylbenzene	13.39	105	429030	103.349	ug/l	100
86) p-Isopropyltoluene	13.50	119	383600	101.621	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	183350	101.245	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	184631	101.923	ug/l	99
89) n-Butylbenzene	13.83	91	356174	102.909	ug/l	99
90) Hexachloroethane	14.10	117	68652	103.592	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	167206	103.124	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	13810	112.693	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	118319	105.126	ug/l	99
94) Hexachlorobutadiene	15.24	225	61933	102.966	ug/l	99
95) Naphthalene	15.38	128	235168	113.015	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	103949	107.894	ug/l	99

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

