

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110918\
 Data File : VW006789.D
 Acq On : 09 Nov 2018 16:25
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW110918

Manual Integrations
 APPROVED

apatel
 11/12/2018 3:41:04 PM

Quant Time: Nov 12 04:56:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110918S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	343106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	439552	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	430486	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	246973	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	103895	41.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.64%	
35) Dibromofluoromethane	7.89	113	111006	44.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.74%	
50) Toluene-d8	10.33	98	485084	46.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.14%	
62) 4-Bromofluorobenzene	12.62	95	178212	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	130991	46.956	ug/l	98
3) Chloromethane	2.21	50	153929	45.963	ug/l	99
4) Vinyl Chloride	2.36	62	167503	47.575	ug/l	99
5) Bromomethane	2.78	94	119518	49.059	ug/l	99
6) Chloroethane	2.92	64	107779	46.776	ug/l	99
7) Trichlorofluoromethane	3.26	101	207051	46.804	ug/l	96
8) Diethyl Ether	3.69	74	58563	45.505	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	135233	46.007	ug/l	99
10) Methyl Iodide	4.28	142	211754	51.854	ug/l	100
11) Tert butyl alcohol	5.21	59	36909	223.011	ug/l	99
12) 1,1-Dichloroethene	4.04	96	117804	48.063	ug/l	98
13) Acrolein	3.91	56	37409	217.029	ug/l	100
14) Allyl chloride	4.68	41	156863	47.475	ug/l	99
15) Acrylonitrile	5.38	53	120068	233.084	ug/l	99
16) Acetone	4.15	43	78071	214.485	ug/l	98
17) Carbon Disulfide	4.38	76	373179	46.156	ug/l	99
18) Methyl Acetate	4.68	43	53146	41.608	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	281163	46.835	ug/l	96
20) Methylene Chloride	4.92	84	142074	47.404	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	136142	46.437	ug/l	98
22) Diisopropyl ether	6.32	45	325373	46.728	ug/l	98
23) Vinyl Acetate	6.26	43	949415	239.070	ug/l	100
24) 1,1-Dichloroethane	6.22	63	210534	46.220	ug/l	99
25) 2-Butanone	7.18	43	135357	225.223	ug/l	98
26) 2,2-Dichloropropane	7.17	77	206586	47.602	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	145702	46.381	ug/l	100
28) Bromochloromethane	7.52	49	74931	43.919	ug/l	99
29) Tetrahydrofuran	7.54	42	89184	226.410	ug/l	99
30) Chloroform	7.68	83	228194	45.212	ug/l	98
31) Cyclohexane	7.96	56	216969	46.250	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	223945	46.752	ug/l	99
36) 1,1-Dichloropropene	8.09	75	196548	49.278	ug/l	100
37) Ethyl Acetate	7.26	43	64993	45.884	ug/l	99
38) Carbon Tetrachloride	8.07	117	206388	48.430	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	256996	50.607	ug/l	97
40) Benzene	8.33	78	543736	48.277	ug/l	99
41) Methacrylonitrile	7.49	41	39826	48.464	ug/l	92
42) 1,2-Dichloroethane	8.40	62	142196	46.382	ug/l	100
43) Isopropyl Acetate	8.43	43	125120	47.119	ug/l	100
44) Trichloroethene	9.10	130	166305	48.025	ug/l	98
45) 1,2-Dichloropropane	9.37	63	123115	46.543	ug/l	98
46) Dibromomethane	9.46	93	68093	45.851	ug/l	99
47) Bromodichloromethane	9.65	83	168558	46.774	ug/l	99
48) Methyl methacrylate	9.44	41	65761	52.584	ug/l	93
49) 1,4-Dioxane	9.49	88	22764	1023.857	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	328429	240.739	ug/l	99
52) Toluene	10.39	92	400038	50.520	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	170616	48.826	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	201522	48.641	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	101671	46.472	ug/l	97
56) Ethyl methacrylate	10.65	69	125081	51.774	ug/l	100
57) 1,3-Dichloropropane	10.94	76	163352	46.706	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	277886	230.965	ug/l	99
59) 2-Hexanone	10.98	43	240297	259.903	ug/l	100
60) Dibromochloromethane	11.13	129	125206	47.610	ug/l	99
61) 1,2-Dibromoethane	11.24	107	98731	46.906	ug/l	99
64) Tetrachloroethene	10.87	164	162891	49.551	ug/l	98
65) Chlorobenzene	11.66	112	453699	49.513	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	140597	47.897	ug/l	99
67) Ethyl Benzene	11.74	91	797866	51.759	ug/l	99
68) m/p-Xylenes	11.85	106	652072	103.708	ug/l	100
69) o-Xylene	12.17	106	299742	51.782	ug/l	99
70) Styrene	12.19	104	489899	52.068	ug/l	100
71) Bromoform	12.35	173	79190	48.702	ug/l	99
73) Isopropylbenzene	12.47	105	835805	52.598	ug/l	100
74) N-amyl acetate	12.28	43	133341	51.482	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	114345	48.300	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	89573m	49.734	ug/l	
77) Bromobenzene	12.75	156	205332	49.974	ug/l	100
78) n-propylbenzene	12.81	91	992649	52.574	ug/l	100
79) 2-Chlorotoluene	12.90	91	547467	51.471	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	717840	52.138	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	34801	51.375	ug/l	98
82) 4-Chlorotoluene	12.99	91	582477	51.239	ug/l	100
83) tert-Butylbenzene	13.21	119	631548	53.086	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	731419	51.851	ug/l	100
85) sec-Butylbenzene	13.39	105	901814	52.965	ug/l	100
86) p-Isopropyltoluene	13.51	119	830701	53.487	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	422064	50.562	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	416954	50.152	ug/l	99
89) n-Butylbenzene	13.83	91	754700	52.650	ug/l	99
90) Hexachloroethane	14.10	117	124027	50.903	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	365593	50.065	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19175	50.161	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	274083	50.701	ug/l	100
94) Hexachlorobutadiene	15.24	225	167861	49.340	ug/l	99
95) Naphthalene	15.38	128	436540	52.776	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	233781	49.994	ug/l	100

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

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