

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071618\
 Data File : VW003952.D
 Acq On : 16 Jul 2018 14:59
 Operator : VA/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICSVW071618

Manual Integrations
 APPROVED

apatel
 7/17/2018 10:11:24 AM

Quant Time: Jul 16 15:19:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	280775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	441493	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	401630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	210340	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	155584	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
35) Dibromofluoromethane	7.88	113	138505	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
50) Toluene-d8	10.33	98	552559	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
62) 4-Bromofluorobenzene	12.62	95	199206	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	72962	46.27	ug/l	95
3) Chloromethane	2.21	50	103704	49.97	ug/l	98
4) Vinyl Chloride	2.36	62	136487	47.81	ug/l	99
5) Bromomethane	2.77	94	86217	48.32	ug/l	97
6) Chloroethane	2.92	64	78949	48.68	ug/l	100
7) Trichlorofluoromethane	3.25	101	56006	46.73	ug/l	97
8) Diethyl Ether	3.67	74	68039	48.91	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	130801	47.30	ug/l	98
10) Methyl Iodide	4.26	142	191855	48.30	ug/l	100
11) Tert butyl alcohol	5.18	59	54733	252.62	ug/l	100
12) 1,1-Dichloroethene	4.03	96	133509	48.93	ug/l	97
13) Acrolein	3.89	56	50461	226.67	ug/l	97
14) Allyl chloride	4.65	41	219752	48.79	ug/l	98
15) Acrylonitrile	5.37	53	172067	241.38	ug/l	99
16) Acetone	4.12	43	217972	289.02	ug/l	95
17) Carbon Disulfide	4.37	76	413704	48.57	ug/l	99
18) Methyl Acetate	4.67	43	87756	48.47	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	258253	49.38	ug/l	99
20) Methylene Chloride	4.91	84	152256	44.93	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	145656	48.70	ug/l	97
22) Diisopropyl ether	6.31	45	451935	49.65	ug/l	99
23) Vinyl Acetate	6.26	43	1451004	251.58	ug/l	100
24) 1,1-Dichloroethane	6.21	63	266851	48.04	ug/l	100
25) 2-Butanone	7.18	43	252864	249.15	ug/l	100
26) 2,2-Dichloropropane	7.17	77	152379	47.79	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	154641	47.83	ug/l	99
28) Bromochloromethane	7.51	49	107223	47.17	ug/l	100
29) Tetrahydrofuran	7.53	42	155273	245.61	ug/l	100
30) Chloroform	7.68	83	266581	48.25	ug/l	99
31) Cyclohexane	7.95	56	238607	45.83	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	206346	47.83	ug/l	99
36) 1,1-Dichloropropene	8.08	75	218599	48.12	ug/l	100
37) Ethyl Acetate	7.26	43	107134	48.90	ug/l	99
38) Carbon Tetrachloride	8.07	117	203993	48.06	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	254568	47.85	ug/l	98
40) Benzene	8.32	78	601422	47.72	ug/l	100
41) Methacrylonitrile	7.49	41	62688	51.64	ug/l	90
42) 1,2-Dichloroethane	8.40	62	182830	47.55	ug/l	99
43) Isopropyl Acetate	8.43	43	201340	49.13	ug/l	99
44) Trichloroethene	9.09	130	155133	47.49	ug/l	100
45) 1,2-Dichloropropane	9.37	63	154825	48.14	ug/l	98
46) Dibromomethane	9.46	93	80729	48.37	ug/l	99
47) Bromodichloromethane	9.65	83	196201	47.68	ug/l	100
48) Methyl methacrylate	9.44	41	98330	49.62	ug/l	98
49) 1,4-Dioxane	9.45	88	26151	1019.32	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	534455	244.81	ug/l	100
52) Toluene	10.39	92	379126	48.65	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	209882	48.78	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	237451	48.24	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	112062	47.74	ug/l	98
56) Ethyl methacrylate	10.65	69	151814	45.50	ug/l	97
57) 1,3-Dichloropropane	10.93	76	194784	47.76	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	360548	258.91	ug/l	100
59) 2-Hexanone	10.98	43	393621	255.81	ug/l	100
60) Dibromochloromethane	11.13	129	130431	47.71	ug/l	99
61) 1,2-Dibromoethane	11.24	107	108445	48.55	ug/l	99
64) Tetrachloroethene	10.87	164	126859	46.03	ug/l	98
65) Chlorobenzene	11.66	112	406576	47.61	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	143973	48.51	ug/l	100
67) Ethyl Benzene	11.74	91	733104	48.87	ug/l	100
68) m/p-Xylenes	11.85	106	559070	97.50	ug/l	100
69) o-Xylene	12.17	106	261314	49.13	ug/l	99
70) Styrene	12.18	104	441763	49.73	ug/l	100
71) Bromoform	12.35	173	80978	48.33	ug/l	99
73) Isopropylbenzene	12.47	105	714026	48.04	ug/l	100
74) N-amyl acetate	12.28	43	195414	50.46	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	136323	47.43	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	93653m	44.85	ug/l	
77) Bromobenzene	12.75	156	168710	47.44	ug/l	100
78) n-propylbenzene	12.81	91	879789	48.25	ug/l	100
79) 2-Chlorotoluene	12.90	91	494677	48.10	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	602351	48.16	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	46260	49.00	ug/l	97
82) 4-Chlorotoluene	12.99	91	527659	47.81	ug/l	100
83) tert-Butylbenzene	13.21	119	512306	48.79	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	625042	48.57	ug/l	99
85) sec-Butylbenzene	13.39	105	748249	48.02	ug/l	99
86) p-Isopropyltoluene	13.51	119	660635	48.34	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	330997	46.60	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	331817	46.58	ug/l	99
89) n-Butylbenzene	13.84	91	645860	48.07	ug/l	99
90) Hexachloroethane	14.10	117	120149	47.69	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	298129	47.11	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23844	46.65	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	213682	48.07	ug/l	99
94) Hexachlorobutadiene	15.25	225	120769	47.32	ug/l	99
95) Naphthalene	15.38	128	411473	50.16	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	189248	48.09	ug/l	100

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

