

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
 Data File : VW007037.D
 Acq On : 26 Nov 2018 10:32
 Operator : VAY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 11/27/2018 12:26:42 PM

Quant Time: Nov 26 15:55:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	113897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	175265	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	164015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	82045	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	52345	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	
35) Dibromofluoromethane	7.88	113	49923	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
50) Toluene-d8	10.32	98	229083	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	
62) 4-Bromofluorobenzene	12.62	95	87857	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	61828	54.98	ug/l	100
3) Chloromethane	2.21	50	54333	57.98	ug/l	98
4) Vinyl Chloride	2.36	62	53809	58.36	ug/l	99
5) Bromomethane	2.78	94	28871	58.66	ug/l	89
6) Chloroethane	2.92	64	28427	55.93	ug/l	100
7) Trichlorofluoromethane	3.26	101	101873	56.19	ug/l	91
8) Diethyl Ether	3.69	74	28999	49.64	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	62435	53.12	ug/l	100
10) Methyl Iodide	4.28	142	76388	56.77	ug/l	98
11) Tert butyl alcohol	5.22	59	19705	271.46	ug/l	97
12) 1,1-Dichloroethene	4.04	96	56643	54.94	ug/l	97
13) Acrolein	3.90	56	20702	277.70	ug/l	96
14) Allyl chloride	4.67	41	95477	55.84	ug/l	100
15) Acrylonitrile	5.38	53	58700	267.33	ug/l	100
16) Acetone	4.15	43	43350	267.76	ug/l	99
17) Carbon Disulfide	4.38	76	194689	58.41	ug/l	100
18) Methyl Acetate	4.68	43	28166	48.85	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	140556	52.22	ug/l	98
20) Methylene Chloride	4.92	84	67241	52.37	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	65111	54.22	ug/l	98
22) Diisopropyl ether	6.31	45	177797	53.42	ug/l	96
23) Vinyl Acetate	6.26	43	493195	279.05	ug/l	100
24) 1,1-Dichloroethane	6.22	63	109190	53.93	ug/l	99
25) 2-Butanone	7.18	43	72713	262.23	ug/l	97
26) 2,2-Dichloropropane	7.17	77	103063	56.61	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	68083	53.24	ug/l	99
28) Bromochloromethane	7.51	49	37201	49.16	ug/l	# 98
29) Tetrahydrofuran	7.53	42	45664	254.28	ug/l	99
30) Chloroform	7.68	83	110507	51.37	ug/l	98
31) Cyclohexane	7.96	56	112928	52.58	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	106501	54.97	ug/l	99
36) 1,1-Dichloropropene	8.09	75	96769	56.50	ug/l	99
37) Ethyl Acetate	7.26	43	32018	51.59	ug/l	98
38) Carbon Tetrachloride	8.07	117	95399	58.17	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	123859	57.79	ug/l	99
40) Benzene	8.33	78	258689	55.95	ug/l	100
41) Methacrylonitrile	7.49	41	19764	51.28	ug/l	98
42) 1,2-Dichloroethane	8.40	62	69469	51.76	ug/l	100
43) Isopropyl Acetate	8.43	43	64062	54.16	ug/l	99
44) Trichloroethene	9.09	130	72124	55.65	ug/l	96
45) 1,2-Dichloropropane	9.37	63	62265	54.64	ug/l	98
46) Dibromomethane	9.46	93	30236	52.98	ug/l	100
47) Bromodichloromethane	9.65	83	81422	54.15	ug/l	96
48) Methyl methacrylate	9.44	41	31135	54.60	ug/l	99
49) 1,4-Dioxane	9.47	88	10386	1224.39	ug/l #	92
51) 4-Methyl-2-Pentanone	10.21	43	156729	262.22	ug/l	100
52) Toluene	10.39	92	178549	56.75	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	82868	56.89	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	100543	57.13	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	44508	53.01	ug/l	97
56) Ethyl methacrylate	10.65	69	55676	57.12	ug/l	98
57) 1,3-Dichloropropane	10.93	76	74997	53.30	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	111937	219.78	ug/l	98
59) 2-Hexanone	10.97	43	123571	301.91	ug/l	100
60) Dibromochloromethane	11.13	129	53284	55.69	ug/l	98
61) 1,2-Dibromoethane	11.24	107	41707	54.30	ug/l	100
64) Tetrachloroethene	10.86	164	60701	57.53	ug/l	97
65) Chlorobenzene	11.66	112	195725	57.18	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	59529	57.49	ug/l	99
67) Ethyl Benzene	11.73	91	362998	57.72	ug/l	99
68) m/p-Xylenes	11.84	106	285466	115.70	ug/l	99
69) o-Xylene	12.17	106	133157	57.24	ug/l	100
70) Styrene	12.18	104	214033	57.81	ug/l	100
71) Bromoform	12.35	173	28087	57.58	ug/l #	98
73) Isopropylbenzene	12.47	105	372477	58.41	ug/l	99
74) N-amyl acetate	12.27	43	63167	59.11	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	45910	54.10	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	34773m	53.94	ug/l	
77) Bromobenzene	12.75	156	76991	56.22	ug/l	98
78) n-propylbenzene	12.81	91	444264	57.52	ug/l	100
79) 2-Chlorotoluene	12.90	91	252803	56.77	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	320294	58.09	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	15243	59.36	ug/l	98
82) 4-Chlorotoluene	12.99	91	267018	57.13	ug/l	100
83) tert-Butylbenzene	13.21	119	276218	57.86	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	317638	57.82	ug/l	98
85) sec-Butylbenzene	13.39	105	394490	58.49	ug/l	99
86) p-Isopropyltoluene	13.51	119	347918	58.47	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	159282	56.97	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	158305	56.79	ug/l	98
89) n-Butylbenzene	13.83	91	329565	58.86	ug/l	100
90) Hexachloroethane	14.10	117	52402	60.33	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	138535	56.55	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8321	58.06	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	89760	55.56	ug/l	99
94) Hexachlorobutadiene	15.24	225	50672	57.70	ug/l	99
95) Naphthalene	15.38	128	159335	54.33	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	75277	56.17	ug/l	99

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

