

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081318\
 Data File : VW004587.D
 Acq On : 10 Aug 2018 10:36
 Operator : SY/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
 8/13/2018 12:57:06 PM

Quant Time: Aug 11 01:23:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	649469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	954211	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	895847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	475812	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	348863	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
35) Dibromofluoromethane	7.88	113	343777	54.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.06%	
50) Toluene-d8	10.33	98	1390611	57.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.66%	
62) 4-Bromofluorobenzene	12.62	95	491293	56.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	230598	51.74	ug/l	100
3) Chloromethane	2.22	50	330529	53.23	ug/l	100
4) Vinyl Chloride	2.37	62	447971	51.65	ug/l	99
5) Bromomethane	2.79	94	262729	52.02	ug/l	99
6) Chloroethane	2.93	64	268902	51.88	ug/l	97
7) Trichlorofluoromethane	3.26	101	229072	71.50	ug/l	100
8) Diethyl Ether	3.68	74	177776	43.87	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	370981	52.43	ug/l	100
10) Methyl Iodide	4.26	142	524781	49.43	ug/l	100
11) Tert butyl alcohol	5.21	59	90679	215.41	ug/l #	82
12) 1,1-Dichloroethene	4.03	96	348458	48.93	ug/l	98
13) Acrolein	3.90	56	166928	323.65	ug/l	99
14) Allyl chloride	4.67	41	537891	50.27	ug/l	99
15) Acrylonitrile	5.37	53	397509	220.72	ug/l	99
16) Acetone	4.14	43	537376	299.30	ug/l	99
17) Carbon Disulfide	4.37	76	1176470	51.40	ug/l	98
18) Methyl Acetate	4.67	43	187762	41.94	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	441914	45.49	ug/l	98
20) Methylene Chloride	4.91	84	399916	44.66	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	371832	48.44	ug/l	99
22) Diisopropyl ether	6.31	45	1091626	49.64	ug/l	99
23) Vinyl Acetate	6.26	43	3071652	232.42	ug/l	100
24) 1,1-Dichloroethane	6.21	63	664654	47.22	ug/l	99
25) 2-Butanone	7.18	43	667164	231.00	ug/l	99
26) 2,2-Dichloropropane	7.17	77	395535	53.54	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	389381	47.15	ug/l	99
28) Bromochloromethane	7.51	49	290714	47.47	ug/l	100
29) Tetrahydrofuran	7.54	42	324051	217.03	ug/l	99
30) Chloroform	7.68	83	640933	46.36	ug/l	100
31) Cyclohexane	7.96	56	669067	49.68	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	531393	51.17	ug/l	99
36) 1,1-Dichloropropene	8.09	75	534425	52.02	ug/l	99
37) Ethyl Acetate	7.26	43	218417	45.39	ug/l	99
38) Carbon Tetrachloride	8.07	117	495631	53.61	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	698350	55.45	ug/l	98
40) Benzene	8.32	78	1512097	50.12	ug/l	100
41) Methacrylonitrile	7.49	41	122665	45.64	ug/l	97
42) 1,2-Dichloroethane	8.40	62	394047	47.21	ug/l	100
43) Isopropyl Acetate	8.43	43	381253	45.45	ug/l	100
44) Trichloroethene	9.09	130	367565	49.58	ug/l	100
45) 1,2-Dichloropropane	9.37	63	370830	49.08	ug/l	100
46) Dibromomethane	9.46	93	182147	47.36	ug/l	99
47) Bromodichloromethane	9.65	83	429992	47.36	ug/l	98
48) Methyl methacrylate	9.44	41	184615	47.09	ug/l	99
49) 1,4-Dioxane	9.48	88	61935	1055.43	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	1367463	234.22	ug/l	100
52) Toluene	10.39	92	921352	51.79	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	439785	48.24	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	525603	49.47	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	259040	46.99	ug/l	100
56) Ethyl methacrylate	10.65	69	318459	48.25	ug/l	99
57) 1,3-Dichloropropane	10.94	76	452170	47.59	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	847857	242.17	ug/l	100
59) 2-Hexanone	10.98	43	997558	252.01	ug/l	99
60) Dibromochloromethane	11.13	129	288489	48.11	ug/l	100
61) 1,2-Dibromoethane	11.24	107	244873	47.28	ug/l	99
64) Tetrachloroethene	10.87	164	310796	49.73	ug/l	98
65) Chlorobenzene	11.66	112	992663	50.28	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	332024	49.40	ug/l	99
67) Ethyl Benzene	11.74	91	1777825	53.12	ug/l	98
68) m/p-Xylenes	11.85	106	1385552	107.12	ug/l	100
69) o-Xylene	12.17	106	637887	53.18	ug/l	100
70) Styrene	12.19	104	1080434	53.31	ug/l	100
71) Bromoform	12.35	173	173870	47.06	ug/l #	100
73) Isopropylbenzene	12.47	105	1793000	54.48	ug/l	100
74) N-amyl acetate	12.28	43	370647	46.44	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	319076	46.44	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	218649m	44.41	ug/l	
77) Bromobenzene	12.75	156	397658	49.94	ug/l	99
78) n-propylbenzene	12.81	91	2236923	55.08	ug/l	100
79) 2-Chlorotoluene	12.90	91	1245873	53.01	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1549064	55.18	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	97820	47.56	ug/l	97
82) 4-Chlorotoluene	12.99	91	1299343	52.10	ug/l	99
83) tert-Butylbenzene	13.21	119	1307482	55.52	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1570168	54.02	ug/l	100
85) sec-Butylbenzene	13.39	105	1985097	55.88	ug/l	100
86) p-Isopropyltoluene	13.51	119	1725957	56.07	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	827963	50.46	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	816676	50.00	ug/l	100
89) n-Butylbenzene	13.84	91	1686681	55.76	ug/l	100
90) Hexachloroethane	14.10	117	297291	52.20	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	737996	49.58	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	50214	44.73	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	529013	51.33	ug/l	99
94) Hexachlorobutadiene	15.25	225	326977	54.49	ug/l	99
95) Naphthalene	15.38	128	959850	45.41	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	471000	50.86	ug/l	99

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

