

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\
 Data File : VW004759.D
 Acq On : 18 Aug 2018 04:22
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 8/20/2018 9:56:41 AM

Quant Time: Aug 18 06:31:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	633106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	978090	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	921049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	489576	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	319092	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
35) Dibromofluoromethane	7.88	113	325480	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
50) Toluene-d8	10.33	98	1264570	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
62) 4-Bromofluorobenzene	12.62	95	458622	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	185092	44.14	ug/l	99
3) Chloromethane	2.22	50	274728	50.10	ug/l	98
4) Vinyl Chloride	2.37	62	415094	51.43	ug/l	100
5) Bromomethane	2.78	94	264517	53.07	ug/l	98
6) Chloroethane	2.93	64	259328	53.25	ug/l	99
7) Trichlorofluoromethane	3.26	101	195104	51.31	ug/l	97
8) Diethyl Ether	3.68	74	190630	55.45	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	334811	51.14	ug/l	99
10) Methyl Iodide	4.26	142	547345	55.05	ug/l	99
11) Tert butyl alcohol	5.21	59	87502	255.88	ug/l	99
12) 1,1-Dichloroethene	4.03	96	338676	51.91	ug/l	98
13) Acrolein	3.89	56	122415	266.76	ug/l	100
14) Allyl chloride	4.66	41	534987	54.03	ug/l	99
15) Acrylonitrile	5.37	53	393714	273.09	ug/l	100
16) Acetone	4.14	43	340991	218.23	ug/l	97
17) Carbon Disulfide	4.37	76	1127953	52.61	ug/l	99
18) Methyl Acetate	4.68	43	182795	54.59	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	486053	57.39	ug/l	96
20) Methylene Chloride	4.91	84	408729	57.98	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	378889	54.58	ug/l	99
22) Diisopropyl ether	6.31	45	1132019	59.48	ug/l	99
23) Vinyl Acetate	6.26	43	3066463	284.88	ug/l	100
24) 1,1-Dichloroethane	6.21	63	682846	55.22	ug/l	99
25) 2-Butanone	7.18	43	574494	258.05	ug/l	99
26) 2,2-Dichloropropane	7.17	77	337322	47.22	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	416295	55.71	ug/l	100
28) Bromochloromethane	7.51	49	278976	53.57	ug/l	99
29) Tetrahydrofuran	7.54	42	313204	275.89	ug/l	99
30) Chloroform	7.68	83	671733	55.23	ug/l	98
31) Cyclohexane	7.96	56	606379	50.69	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	517064	53.63	ug/l	100
36) 1,1-Dichloropropene	8.09	75	527652	52.37	ug/l	99
37) Ethyl Acetate	7.26	43	213769	53.22	ug/l	99
38) Carbon Tetrachloride	8.07	117	476098	51.33	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	649801	51.57	ug/l	99
40) Benzene	8.32	78	1568059	53.55	ug/l	99
41) Methacrylonitrile	7.49	41	135560	59.47	ug/l	97
42) 1,2-Dichloroethane	8.40	62	405366	53.98	ug/l	100
43) Isopropyl Acetate	8.43	43	395434	54.81	ug/l	99
44) Trichloroethene	9.10	130	391192	52.63	ug/l	98
45) 1,2-Dichloropropane	9.37	63	390096	54.46	ug/l	100
46) Dibromomethane	9.46	93	190878	53.79	ug/l	99
47) Bromodichloromethane	9.65	83	461393	54.44	ug/l	100
48) Methyl methacrylate	9.44	41	188386	55.65	ug/l	99
49) 1,4-Dioxane	9.48	88	56275	1085.46	ug/l #	83
51) 4-Methyl-2-Pentanone	10.21	43	1339635	274.74	ug/l	99
52) Toluene	10.39	92	953455	54.29	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	449569	52.65	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	543339	53.38	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	272034	53.93	ug/l	99
56) Ethyl methacrylate	10.65	69	338696	51.31	ug/l	100
57) 1,3-Dichloropropane	10.93	76	472535	54.27	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	787294	282.62	ug/l	99
59) 2-Hexanone	10.98	43	888967	269.07	ug/l	99
60) Dibromochloromethane	11.13	129	306743	54.20	ug/l	100
61) 1,2-Dibromoethane	11.24	107	257452	53.40	ug/l	99
64) Tetrachloroethene	10.87	164	349299	55.49	ug/l	99
65) Chlorobenzene	11.66	112	1042956	52.61	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	361492	54.01	ug/l	99
67) Ethyl Benzene	11.74	91	1822562	54.23	ug/l	100
68) m/p-Xylenes	11.85	106	1417041	108.38	ug/l	99
69) o-Xylene	12.17	106	670504	55.39	ug/l	99
70) Styrene	12.19	104	1140709	56.10	ug/l	100
71) Bromoform	12.35	173	185611	52.54	ug/l #	98
73) Isopropylbenzene	12.47	105	1828410	54.90	ug/l	99
74) N-amyl acetate	12.28	43	384376	49.33	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	324167	52.54	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	217361m	50.36	ug/l	
77) Bromobenzene	12.75	156	428983	53.21	ug/l	100
78) n-propylbenzene	12.81	91	2210995	54.40	ug/l	100
79) 2-Chlorotoluene	12.90	91	1274085	54.39	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1569440	55.47	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	90718	48.86	ug/l	99
82) 4-Chlorotoluene	12.99	91	1340636	53.86	ug/l	100
83) tert-Butylbenzene	13.21	119	1327513	54.85	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1612962	55.41	ug/l	100
85) sec-Butylbenzene	13.39	105	1947213	53.89	ug/l	100
86) p-Isopropyltoluene	13.51	119	1710590	54.41	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	869189	53.00	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	853986	52.10	ug/l	99
89) n-Butylbenzene	13.83	91	1604631	52.79	ug/l	100
90) Hexachloroethane	14.10	117	305775	53.36	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	782256	53.11	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	50602	52.48	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	547375	52.54	ug/l	99
94) Hexachlorobutadiene	15.24	225	320323	50.10	ug/l	99
95) Naphthalene	15.38	128	1000389	49.59	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	494102	53.49	ug/l	100

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

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