

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081018\
 Data File : VW004533.D
 Acq On : 08 Aug 2018 17:33
 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
 8/9/2018 10:23:06 AM

Quant Time: Aug 09 05:21:51 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	762002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1150525	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1080993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	571131	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	379767	45.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.04%	
35) Dibromofluoromethane	7.88	113	377135	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
50) Toluene-d8	10.33	98	1494601	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
62) 4-Bromofluorobenzene	12.62	95	538692	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	251733	48.14	ug/l	100
3) Chloromethane	2.21	50	349223	47.94	ug/l	99
4) Vinyl Chloride	2.37	62	501373	49.27	ug/l	98
5) Bromomethane	2.78	94	293959	49.61	ug/l	99
6) Chloroethane	2.92	64	304631	50.09	ug/l	99
7) Trichlorofluoromethane	3.25	101	211073	56.15	ug/l	96
8) Diethyl Ether	3.67	74	216102	45.45	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	409472	49.32	ug/l	99
10) Methyl Iodide	4.26	142	612849	49.20	ug/l	100
11) Tert butyl alcohol	5.25	59	93316	188.94	ug/l	99
12) 1,1-Dichloroethene	4.03	96	407843	48.81	ug/l	97
13) Acrolein	3.89	56	181792	300.41	ug/l	99
14) Allyl chloride	4.65	41	663866	52.88	ug/l	99
15) Acrylonitrile	5.37	53	450104	213.01	ug/l	99
16) Acetone	4.15	43	517609	245.72	ug/l	99
17) Carbon Disulfide	4.37	76	1364294	50.80	ug/l	99
18) Methyl Acetate	4.68	43	213738	40.69	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	521705	45.77	ug/l	98
20) Methylene Chloride	4.91	84	482015	46.17	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	448716	49.83	ug/l	100
22) Diisopropyl ether	6.31	45	1304900	50.58	ug/l	99
23) Vinyl Acetate	6.26	43	3706568	239.04	ug/l	99
24) 1,1-Dichloroethane	6.21	63	806991	48.87	ug/l	99
25) 2-Butanone	7.18	43	731313	215.82	ug/l	99
26) 2,2-Dichloropropane	7.17	77	446149	51.47	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	475783	49.11	ug/l	100
28) Bromochloromethane	7.51	49	347190	48.32	ug/l	100
29) Tetrahydrofuran	7.54	42	360091	205.56	ug/l	99
30) Chloroform	7.68	83	786001	48.46	ug/l	98
31) Cyclohexane	7.95	56	784436	49.64	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	609983	50.06	ug/l	99
36) 1,1-Dichloropropene	8.08	75	640012	51.66	ug/l	100
37) Ethyl Acetate	7.26	43	239483	41.28	ug/l	99
38) Carbon Tetrachloride	8.07	117	579477	51.98	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	820877	54.06	ug/l	100
40) Benzene	8.32	78	1840915	50.61	ug/l	99
41) Methacrylonitrile	7.49	41	140324	43.30	ug/l	99
42) 1,2-Dichloroethane	8.40	62	473064	47.00	ug/l	100
43) Isopropyl Acetate	8.43	43	447909	44.29	ug/l	98
44) Trichloroethene	9.09	130	447789	50.09	ug/l	98
45) 1,2-Dichloropropane	9.37	63	452257	49.64	ug/l	99
46) Dibromomethane	9.46	93	215180	46.40	ug/l	99
47) Bromodichloromethane	9.65	83	530346	48.45	ug/l	98
48) Methyl methacrylate	9.44	41	218329	46.19	ug/l	99
49) 1,4-Dioxane	9.49	88	63546	898.11	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	1567428	222.66	ug/l	100
52) Toluene	10.39	92	1113839	51.92	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	541321	49.25	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	650003	50.74	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	308940	46.48	ug/l	100
56) Ethyl methacrylate	10.65	69	380154	47.77	ug/l	100
57) 1,3-Dichloropropane	10.93	76	542981	47.39	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	985935	233.88	ug/l	99
59) 2-Hexanone	10.98	43	1100699	230.62	ug/l	99
60) Dibromochloromethane	11.13	129	347005	48.00	ug/l	100
61) 1,2-Dibromoethane	11.24	107	293451	46.99	ug/l	99
64) Tetrachloroethene	10.87	164	371084	49.21	ug/l	98
65) Chlorobenzene	11.66	112	1205760	50.61	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	403491	49.75	ug/l	99
67) Ethyl Benzene	11.74	91	2169882	53.73	ug/l	98
68) m/p-Xylenes	11.84	106	1679664	107.62	ug/l	100
69) o-Xylene	12.17	106	776181	53.63	ug/l	99
70) Styrene	12.19	104	1312026	53.65	ug/l	99
71) Bromoform	12.35	173	207496	46.54	ug/l #	99
73) Isopropylbenzene	12.47	105	2162423	54.74	ug/l	100
74) N-amyl acetate	12.28	43	439282	45.86	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	377621	45.79	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	250300m	42.35	ug/l	
77) Bromobenzene	12.75	156	484726	50.71	ug/l	99
78) n-propylbenzene	12.81	91	2686488	55.11	ug/l	99
79) 2-Chlorotoluene	12.90	91	1511443	53.58	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1855792	55.07	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	117643	47.65	ug/l	99
82) 4-Chlorotoluene	12.99	91	1582211	52.85	ug/l	100
83) tert-Butylbenzene	13.21	119	1556458	55.06	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1893565	54.28	ug/l	100
85) sec-Butylbenzene	13.39	105	2338692	54.84	ug/l	99
86) p-Isopropyltoluene	13.51	119	2040494	55.22	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	995180	50.53	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	984045	50.19	ug/l	100
89) n-Butylbenzene	13.83	91	1996452	54.99	ug/l	100
90) Hexachloroethane	14.10	117	352922	51.62	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	885441	49.56	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	57615	42.76	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	623406	50.40	ug/l	99
94) Hexachlorobutadiene	15.25	225	374190	51.95	ug/l	99
95) Naphthalene	15.38	128	1122783	44.33	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	543372	48.88	ug/l	98

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

