

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072818\
 Data File : VW004243.D
 Acq On : 26 Jul 2018 23:45
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 7/27/2018 12:36:44 PM

Quant Time: Jul 27 07:45:56 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	244542	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	379433	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	354640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	192099	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	158413	57.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.90%	
35) Dibromofluoromethane	7.88	113	139939	57.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.96%	
50) Toluene-d8	10.33	98	540333	57.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.40%	
62) 4-Bromofluorobenzene	12.62	95	197436	57.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.92%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	55933m	40.729	ug/l
3) Chloromethane	2.21	50	92415	51.127	ug/l
4) Vinyl Chloride	2.36	62	122801	49.392	ug/l
5) Bromomethane	2.77	94	73439	47.259	ug/l
6) Chloroethane	2.92	64	69431	49.151	ug/l
7) Trichlorofluoromethane	3.25	101	50505	48.386	ug/l
8) Diethyl Ether	3.67	74	71655	59.141	ug/l
9) 1,1,2-Trichlorotrifluoroet	4.05	101	121992	50.649	ug/l
10) Methyl Iodide	4.26	142	174786	50.526	ug/l
11) Tert butyl alcohol	5.18	59	52020	275.675	ug/l
12) 1,1-Dichloroethene	4.03	96	120292	50.616	ug/l
13) Acrolein	3.88	56	49837	257.039	ug/l
14) Allyl chloride	4.65	41	212228	54.101	ug/l
15) Acrylonitrile	5.37	53	181598	292.500	ug/l
16) Acetone	4.12	43	158862	241.852	ug/l
17) Carbon Disulfide	4.37	76	380694	51.320	ug/l
18) Methyl Acetate	4.67	43	98927	62.742	ug/l
19) Methyl tert-butyl Ether	5.43	73	255102	56.008	ug/l
20) Methylene Chloride	4.90	84	144468	49.782	ug/l
21) trans-1,2-Dichloroethene	5.41	96	138776	53.271	ug/l
22) Diisopropyl ether	6.31	45	459896	58.008	ug/l
23) Vinyl Acetate	6.25	43	1418103	282.302	ug/l
24) 1,1-Dichloroethane	6.21	63	261195	53.994	ug/l
25) 2-Butanone	7.17	43	244903	277.059	ug/l
26) 2,2-Dichloropropane	7.17	77	127199	45.807	ug/l
27) cis-1,2-Dichloroethene	7.17	96	148988	52.905	ug/l
28) Bromochloromethane	7.51	49	108012	54.560	ug/l
29) Tetrahydrofuran	7.53	42	164960	299.598	ug/l
30) Chloroform	7.67	83	263844	54.833	ug/l
31) Cyclohexane	7.95	56	218102	48.097	ug/l
32) 1,1,1-Trichloroethane	7.87	97	194921	51.875	ug/l
36) 1,1-Dichloropropene	8.08	75	201403	51.591	ug/l
37) Ethyl Acetate	7.26	43	109091	57.936	ug/l
38) Carbon Tetrachloride	8.07	117	187214	51.324	ug/l

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	228303	49.936	ug/l	95
40) Benzene	8.32	78	591229	54.589	ug/l	100
41) Methacrylonitrile	7.48	41	66257	63.505	ug/l	88
42) 1,2-Dichloroethane	8.40	62	182457	55.219	ug/l	99
43) Isopropyl Acetate	8.43	43	201622	57.250	ug/l	99
44) Trichloroethene	9.09	130	144822	51.585	ug/l	98
45) 1,2-Dichloropropane	9.37	63	156531	56.626	ug/l	99
46) Dibromomethane	9.46	93	81427	56.767	ug/l	99
47) Bromodichloromethane	9.65	83	196232	55.493	ug/l	100
48) Methyl methacrylate	9.44	41	98832	58.027	ug/l	98
49) 1,4-Dioxane	9.45	88	27705	1256.513	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	563067	300.099	ug/l	99
52) Toluene	10.39	92	366861	54.777	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	198711	53.738	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	227202	53.710	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	115306	57.156	ug/l	99
56) Ethyl methacrylate	10.65	69	151560	52.374	ug/l	97
57) 1,3-Dichloropropane	10.93	76	198588	56.658	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	368568	307.963	ug/l	99
59) 2-Hexanone	10.98	43	381013	288.118	ug/l	100
60) Dibromochloromethane	11.13	129	133357	56.763	ug/l	98
61) 1,2-Dibromoethane	11.24	107	107141	55.815	ug/l	97
64) Tetrachloroethene	10.87	164	130805	53.755	ug/l	99
65) Chlorobenzene	11.66	112	389999	51.717	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	139973	53.414	ug/l	98
67) Ethyl Benzene	11.74	91	685589	51.754	ug/l	100
68) m/p-Xylenes	11.84	106	525938	103.877	ug/l	98
69) o-Xylene	12.17	106	246316	52.445	ug/l	99
70) Styrene	12.18	104	426837	54.411	ug/l	99
71) Bromoform	12.35	173	80944	54.708	ug/l	100
73) Isopropylbenzene	12.47	105	676140	49.811	ug/l	99
74) N-amyl acetate	12.28	43	189423	53.556	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	141234	53.801	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	93583m	49.071	ug/l	
77) Bromobenzene	12.75	156	164660	50.695	ug/l	98
78) n-propylbenzene	12.81	91	841770	50.547	ug/l	99
79) 2-Chlorotoluene	12.90	91	486437	51.790	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	586100	51.308	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	41822	48.508	ug/l	97
82) 4-Chlorotoluene	12.99	91	517652	51.357	ug/l	99
83) tert-Butylbenzene	13.21	119	483343	50.398	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	613653	52.214	ug/l	99
85) sec-Butylbenzene	13.39	105	718067	50.461	ug/l	99
86) p-Isopropyltoluene	13.51	119	630405	50.506	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	331406	51.085	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	327901	50.399	ug/l	98
89) n-Butylbenzene	13.83	91	615693	50.178	ug/l	99
90) Hexachloroethane	14.10	117	114163	49.617	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	295419	51.111	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	24079	51.583	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	201976	49.756	ug/l	98
94) Hexachlorobutadiene	15.24	225	113852	48.842	ug/l	97
95) Naphthalene	15.38	128	399334	53.298	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	188305	52.393	ug/l	98

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

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