

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090818\
 Data File : VW005232.D
 Acq On : 08 Sep 2018 02:19
 Operator : SY/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

apatel
 9/10/2018 10:42:21 AM

Quant Time: Sep 08 03:50:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090818S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 08 02:41:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	500535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	746630	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	730210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	382772	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	618365	149.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.00%	
35) Dibromofluoromethane	7.89	113	640954	149.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.98%	
50) Toluene-d8	10.33	98	3003513	150.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	301.88%	
62) 4-Bromofluorobenzene	12.63	95	1091121	154.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	309.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	557045	138.52	ug/l	96
3) Chloromethane	2.21	50	858764	148.92	ug/l	99
4) Vinyl Chloride	2.35	62	773354	138.72	ug/l	100
5) Bromomethane	2.73	94	479469	124.98	ug/l	98
6) Chloroethane	2.90	64	447259	130.48	ug/l	100
7) Trichlorofluoromethane	3.25	101	837918	133.77	ug/l	97
8) Diethyl Ether	3.68	74	350770	153.69	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	581628	134.69	ug/l	99
10) Methyl Iodide	4.27	142	874033	159.27	ug/l	100
11) Tert butyl alcohol	5.18	59	248291	822.35	ug/l	99
12) 1,1-Dichloroethene	4.04	96	586889	147.65	ug/l	100
13) Acrolein	3.90	56	243266	886.84	ug/l	97
14) Allyl chloride	4.67	41	979175	157.80	ug/l	99
15) Acrylonitrile	5.37	53	821783	839.22	ug/l	99
16) Acetone	4.12	43	557569	687.23	ug/l	97
17) Carbon Disulfide	4.38	76	2211048	158.97	ug/l	99
18) Methyl Acetate	4.67	43	399761	165.32	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	1548314	159.06	ug/l	98
20) Methylene Chloride	4.92	84	780701	115.05	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	718382	148.46	ug/l	99
22) Diisopropyl ether	6.32	45	2038069	155.80	ug/l	96
23) Vinyl Acetate	6.26	43	5524609	799.41	ug/l	100
24) 1,1-Dichloroethane	6.22	63	1213310	148.91	ug/l	100
25) 2-Butanone	7.18	43	916268	657.15	ug/l	97
26) 2,2-Dichloropropane	7.17	77	834123	125.44	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	803670	152.12	ug/l	99
28) Bromochloromethane	7.52	49	458076	139.93	ug/l	98
29) Tetrahydrofuran	7.53	42	652974	883.72	ug/l	99
30) Chloroform	7.68	83	1210296	145.56	ug/l	100
31) Cyclohexane	7.96	56	1069609	132.82	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	965652	133.23	ug/l	100
36) 1,1-Dichloropropene	8.09	75	917013	131.44	ug/l	99
37) Ethyl Acetate	7.26	43	409061	154.34	ug/l	100
38) Carbon Tetrachloride	8.07	117	839354	126.98	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	1314534	155.06	ug/l	99
40) Benzene	8.33	78	2963634	138.61	ug/l	100
41) Methacrylonitrile	7.49	41	251493	165.61	ug/l	99
42) 1,2-Dichloroethane	8.41	62	731435	139.97	ug/l	99
43) Isopropyl Acetate	8.43	43	789203	163.09	ug/l	99
44) Trichloroethene	9.10	130	761259	132.21	ug/l	99
45) 1,2-Dichloropropane	9.38	63	698494	134.13	ug/l	97
46) Dibromomethane	9.46	93	359641	144.38	ug/l	98
47) Bromodichloromethane	9.65	83	856276	136.76	ug/l	100
48) Methyl methacrylate	9.44	41	434868	183.75	ug/l	99
49) 1,4-Dioxane	9.45	88	127859	3124.13	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	2197615	701.57	ug/l	100
52) Toluene	10.40	92	2113022	145.82	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	932407	150.37	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	1073663	143.22	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	537311	138.60	ug/l	99
56) Ethyl methacrylate	10.65	69	789090	175.17	ug/l	99
57) 1,3-Dichloropropane	10.94	76	919958	143.51	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	1669564	795.35	ug/l	99
59) 2-Hexanone	10.98	43	1552012	729.26	ug/l	100
60) Dibromochloromethane	11.13	129	628051	143.26	ug/l	99
61) 1,2-Dibromoethane	11.24	107	520963	147.93	ug/l	98
64) Tetrachloroethene	10.87	164	826869	144.98	ug/l	100
65) Chlorobenzene	11.66	112	2336376	144.02	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	713871	144.19	ug/l	100
67) Ethyl Benzene	11.74	91	4141102	151.48	ug/l	100
68) m/p-Xylenes	11.85	106	3256827	297.89	ug/l	100
69) o-Xylene	12.17	106	1564103	154.13	ug/l	100
70) Styrene	12.19	104	2599180	155.53	ug/l	100
71) Bromoform	12.35	173	406855	153.66	ug/l	99
73) Isopropylbenzene	12.47	105	4106051	154.41	ug/l	100
74) N-amyl acetate	12.28	43	861914	182.51	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	645569	156.36	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	447961m	154.58	ug/l	
77) Bromobenzene	12.76	156	975167	148.47	ug/l	98
78) n-propylbenzene	12.81	91	4909520	153.34	ug/l	100
79) 2-Chlorotoluene	12.90	91	2818878	150.56	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	3509715	153.35	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	200840	168.53	ug/l	96
82) 4-Chlorotoluene	12.99	91	2921263	147.65	ug/l	100
83) tert-Butylbenzene	13.21	119	2990351	155.05	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	3594966	154.23	ug/l	100
85) sec-Butylbenzene	13.39	105	4305773	152.76	ug/l	100
86) p-Isopropyltoluene	13.51	119	3869590	155.21	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	1940758	144.14	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	1916956	143.29	ug/l	100
89) n-Butylbenzene	13.83	91	3646198	158.10	ug/l	100
90) Hexachloroethane	14.10	117	635998	152.78	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	1723961	146.30	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	108327	165.79	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	1261106	160.27	ug/l	99
94) Hexachlorobutadiene	15.25	225	718647	145.96	ug/l	100
95) Naphthalene	15.38	128	2333689	187.02	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	1097286	162.29	ug/l	99

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

