

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070718\
 Data File : VW003754.D
 Acq On : 07 Jul 2018 01:50
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW070718

Manual Integrations
 APPROVED

apatel
 7/9/2018 10:26:18 AM

Quant Time: Jul 07 05:10:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	234237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	376140	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	351096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	184264	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	150881	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
35) Dibromofluoromethane	7.88	113	129363	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
50) Toluene-d8	10.33	98	512377	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
62) 4-Bromofluorobenzene	12.62	95	184154	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	56372	49.48	ug/l	97
3) Chloromethane	2.20	50	100466	46.45	ug/l	96
4) Vinyl Chloride	2.36	62	130149	45.63	ug/l	100
5) Bromomethane	2.78	94	89569	44.48	ug/l	98
6) Chloroethane	2.92	64	81465	47.62	ug/l	98
7) Trichlorofluoromethane	3.25	101	58722	50.96	ug/l	99
8) Diethyl Ether	3.67	74	65582	55.53	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.05	101	112867	50.36	ug/l	99
10) Methyl Iodide	4.26	142	172811	51.81	ug/l	99
11) Tert butyl alcohol	5.23	59	47663	287.12	ug/l #	89
12) 1,1-Dichloroethene	4.03	96	116977	53.16	ug/l	97
13) Acrolein	3.89	56	62301	296.63	ug/l	100
14) Allyl chloride	4.65	41	206212	53.90	ug/l	98
15) Acrylonitrile	5.37	53	161064	272.35	ug/l	99
16) Acetone	4.14	43	156393	294.28	ug/l	96
17) Carbon Disulfide	4.37	76	363163	50.34	ug/l	100
18) Methyl Acetate	4.67	43	78220	52.20	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	247198	54.37	ug/l	100
20) Methylene Chloride	4.90	84	133810	51.82	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	132716	50.95	ug/l	98
22) Diisopropyl ether	6.31	45	444285	52.83	ug/l	99
23) Vinyl Acetate	6.26	43	1397789	272.25	ug/l	99
24) 1,1-Dichloroethane	6.21	63	250151	49.18	ug/l	99
25) 2-Butanone	7.18	43	223355	268.33	ug/l	100
26) 2,2-Dichloropropane	7.17	77	129917	47.09	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	143945	49.97	ug/l	100
28) Bromochloromethane	7.51	49	106511	47.00	ug/l	100
29) Tetrahydrofuran	7.54	42	145961	272.77	ug/l	100
30) Chloroform	7.68	83	253277	48.81	ug/l	99
31) Cyclohexane	7.95	56	213492	47.76	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	190935	48.35	ug/l	100
36) 1,1-Dichloropropene	8.08	75	197708	49.54	ug/l	100
37) Ethyl Acetate	7.26	43	102267	52.66	ug/l	100
38) Carbon Tetrachloride	8.07	117	182218	48.02	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	226992	51.93	ug/l	99
40) Benzene	8.32	78	563983	49.43	ug/l	100
41) Methacrylonitrile	7.49	41	64872	58.07	ug/l	90
42) 1,2-Dichloroethane	8.40	62	179520	48.61	ug/l	100
43) Isopropyl Acetate	8.43	43	194583	52.87	ug/l	99
44) Trichloroethene	9.09	130	141625	49.24	ug/l	99
45) 1,2-Dichloropropane	9.37	63	147170	49.61	ug/l	98
46) Dibromomethane	9.46	93	77219	49.50	ug/l	99
47) Bromodichloromethane	9.65	83	187924	48.97	ug/l	100
48) Methyl methacrylate	9.44	41	94598	53.97	ug/l	98
49) 1,4-Dioxane	9.48	88	24950	1070.17	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	521291	273.71	ug/l	99
52) Toluene	10.39	92	350943	49.60	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	197748	51.61	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	219118	50.66	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	107857	49.78	ug/l	96
56) Ethyl methacrylate	10.65	69	146275	55.33	ug/l	96
57) 1,3-Dichloropropane	10.93	76	191358	50.68	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	365896	262.17	ug/l	99
59) 2-Hexanone	10.98	43	359631	274.98	ug/l	100
60) Dibromochloromethane	11.13	129	127023	50.23	ug/l	100
61) 1,2-Dibromoethane	11.24	107	104278	50.33	ug/l	100
64) Tetrachloroethene	10.87	164	130014	50.06	ug/l	99
65) Chlorobenzene	11.66	112	387816	50.11	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	136023	50.29	ug/l	99
67) Ethyl Benzene	11.74	91	687902	51.98	ug/l	99
68) m/p-Xylenes	11.84	106	523929	103.38	ug/l	100
69) o-Xylene	12.17	106	247438	52.91	ug/l	99
70) Styrene	12.19	104	419873	52.80	ug/l	100
71) Bromoform	12.35	173	77930	52.21	ug/l #	99
73) Isopropylbenzene	12.47	105	671890	53.84	ug/l	100
74) N-amyl acetate	12.28	43	191602	56.65	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	132728	52.47	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	90718m	50.14	ug/l	
77) Bromobenzene	12.75	156	159832	51.59	ug/l	98
78) n-propylbenzene	12.81	91	833151	53.19	ug/l	100
79) 2-Chlorotoluene	12.90	91	473298	52.59	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	568214	52.83	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	40020	54.10	ug/l	97
82) 4-Chlorotoluene	12.99	91	499392	51.60	ug/l	100
83) tert-Butylbenzene	13.21	119	478593	53.96	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	589071	52.72	ug/l	99
85) sec-Butylbenzene	13.39	105	705468	53.17	ug/l	100
86) p-Isopropyltoluene	13.51	119	619343	53.42	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	318760	50.78	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	314768	49.87	ug/l	99
89) n-Butylbenzene	13.83	91	603221	52.89	ug/l	100
90) Hexachloroethane	14.10	117	113134	50.65	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	287044	50.81	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23469	53.59	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	202255	52.89	ug/l	100
94) Hexachlorobutadiene	15.24	225	111410	50.94	ug/l	98
95) Naphthalene	15.38	128	402104	58.84	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	183794	53.68	ug/l	99

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

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