

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071318\
 Data File : VW003920.D
 Acq On : 13 Jul 2018 16:30
 Operator : VA/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
 7/16/2018 10:43:36 AM

Quant Time: Jul 14 00:11:32 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	223388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	340736	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	311667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	164365	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	134624	46.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.16%	
35) Dibromofluoromethane	7.88	113	122048	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
50) Toluene-d8	10.32	98	482333	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
62) 4-Bromofluorobenzene	12.62	95	172258	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	49023	45.12	ug/l	98
3) Chloromethane	2.21	50	88485	42.90	ug/l	94
4) Vinyl Chloride	2.36	62	125606	46.17	ug/l	100
5) Bromomethane	2.78	94	74609	38.85	ug/l	100
6) Chloroethane	2.92	64	76644	46.98	ug/l	98
7) Trichlorofluoromethane	3.25	101	64979	59.13	ug/l	95
8) Diethyl Ether	3.68	74	56148	49.85	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	116275	54.41	ug/l	98
10) Methyl Iodide	4.26	142	169146	53.17	ug/l	100
11) Tert butyl alcohol	5.24	59	36235	228.88	ug/l #	83
12) 1,1-Dichloroethene	4.03	96	114389	54.51	ug/l	93
13) Acrolein	3.90	56	53147	254.20	ug/l	100
14) Allyl chloride	4.66	41	204116	55.95	ug/l	98
15) Acrylonitrile	5.38	53	134591	238.64	ug/l	99
16) Acetone	4.15	43	147425	290.87	ug/l	100
17) Carbon Disulfide	4.37	76	341481	49.64	ug/l	99
18) Methyl Acetate	4.67	43	68731	48.10	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	222988	51.42	ug/l	100
20) Methylene Chloride	4.91	84	132455	53.97	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	126573	50.95	ug/l	98
22) Diisopropyl ether	6.31	45	418956	52.23	ug/l	98
23) Vinyl Acetate	6.26	43	1213664	247.87	ug/l	100
24) 1,1-Dichloroethane	6.21	63	241436	49.77	ug/l	99
25) 2-Butanone	7.18	43	191846	241.67	ug/l	100
26) 2,2-Dichloropropane	7.17	77	149652	56.88	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	138596	50.45	ug/l	99
28) Bromochloromethane	7.51	49	99875	46.22	ug/l	99
29) Tetrahydrofuran	7.54	42	116622	228.53	ug/l	99
30) Chloroform	7.68	83	243689	49.24	ug/l	99
31) Cyclohexane	7.95	56	217047	50.92	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	196452	52.16	ug/l	100
36) 1,1-Dichloropropene	8.08	75	195633	54.11	ug/l	100
37) Ethyl Acetate	7.26	43	82157	46.70	ug/l	100
38) Carbon Tetrachloride	8.07	117	187223	54.47	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	229525	57.97	ug/l	99
40) Benzene	8.32	78	541693	52.41	ug/l	100
41) Methacrylonitrile	7.49	41	52365	51.75	ug/l	94
42) 1,2-Dichloroethane	8.40	62	161325	48.23	ug/l	100
43) Isopropyl Acetate	8.43	43	158589	47.57	ug/l	98
44) Trichloroethene	9.09	130	136923	52.55	ug/l	99
45) 1,2-Dichloropropane	9.37	63	139467	51.90	ug/l	99
46) Dibromomethane	9.46	93	68564	48.52	ug/l	98
47) Bromodichloromethane	9.65	83	177647	51.10	ug/l	98
48) Methyl methacrylate	9.44	41	78416	49.39	ug/l	99
49) 1,4-Dioxane	9.49	88	20793	984.53	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	422127	244.67	ug/l	100
52) Toluene	10.39	92	342928	53.51	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	182193	52.49	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	210869	53.82	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	96482	49.16	ug/l	97
56) Ethyl methacrylate	10.65	69	123168	51.43	ug/l	97
57) 1,3-Dichloropropane	10.93	76	169918	49.67	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	322398	255.37	ug/l	100
59) 2-Hexanone	10.98	43	299441	252.75	ug/l	100
60) Dibromochloromethane	11.13	129	115561	50.44	ug/l	99
61) 1,2-Dibromoethane	11.24	107	90533	48.24	ug/l	99
64) Tetrachloroethene	10.87	164	116604	50.58	ug/l	97
65) Chlorobenzene	11.66	112	361895	52.67	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	128085	53.35	ug/l	98
67) Ethyl Benzene	11.74	91	659098	56.10	ug/l	100
68) m/p-Xylenes	11.85	106	494990	110.03	ug/l	99
69) o-Xylene	12.17	106	230003	55.41	ug/l	98
70) Styrene	12.19	104	396353	56.15	ug/l	100
71) Bromoform	12.35	173	67835	51.20	ug/l #	98
73) Isopropylbenzene	12.47	105	660621	59.35	ug/l	99
74) N-amyl acetate	12.28	43	153833	50.99	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	114375	50.69	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	93705m	58.06	ug/l	
77) Bromobenzene	12.76	156	148736	53.82	ug/l	98
78) n-propylbenzene	12.81	91	827500	59.22	ug/l	100
79) 2-Chlorotoluene	12.90	91	459732	57.27	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	559841	58.35	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	35846	54.33	ug/l	97
82) 4-Chlorotoluene	12.99	91	480960	55.72	ug/l	99
83) tert-Butylbenzene	13.21	119	477119	60.30	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	572038	57.40	ug/l	99
85) sec-Butylbenzene	13.39	105	709648	59.96	ug/l	100
86) p-Isopropyltoluene	13.51	119	615200	59.48	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	300551	53.68	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	298666	53.05	ug/l	100
89) n-Butylbenzene	13.83	91	610096	59.97	ug/l	99
90) Hexachloroethane	14.10	117	109807	55.12	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	266466	52.88	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18370	47.03	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	186801	54.76	ug/l	98
94) Hexachlorobutadiene	15.25	225	111559	57.18	ug/l	99
95) Naphthalene	15.38	128	333653	54.73	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	168294	55.10	ug/l	100

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

