

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062418\
 Data File : VW003526.D
 Acq On : 24 Jun 2018 21:58
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 6/26/2018 4:15:01 PM

Quant Time: Jun 25 01:46:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	229949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	376053	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	350860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	183896	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	154844	62.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.34%	
35) Dibromofluoromethane	7.88	113	135869	58.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.30%	
50) Toluene-d8	10.33	98	529738	57.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.34%	
62) 4-Bromofluorobenzene	12.62	95	196965	60.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	43802	63.01	ug/l	89
3) Chloromethane	2.21	50	86550	49.27	ug/l	97
4) Vinyl Chloride	2.36	62	121164	47.32	ug/l	100
5) Bromomethane	2.78	94	76999	45.24	ug/l	96
6) Chloroethane	2.92	64	72614	40.74	ug/l	96
7) Trichlorofluoromethane	3.25	101	67124	43.76	ug/l	96
8) Diethyl Ether	3.68	74	63760	56.58	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	106631	50.06	ug/l	99
10) Methyl Iodide	4.26	142	170786	53.02	ug/l	98
11) Tert butyl alcohol	5.22	59	42962	321.62	ug/l #	83
12) 1,1-Dichloroethene	4.03	96	108016	51.89	ug/l	99
13) Acrolein	3.89	56	26556	139.05	ug/l	97
14) Allyl chloride	4.66	41	199143	55.23	ug/l	96
15) Acrylonitrile	5.38	53	147125	317.33	ug/l	100
16) Acetone	4.14	43	133969	256.46	ug/l	99
17) Carbon Disulfide	4.37	76	300780	48.88	ug/l	99
18) Methyl Acetate	4.67	43	79443	64.11	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	235190	60.32	ug/l	97
20) Methylene Chloride	4.91	84	122206	55.47	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	120211	53.06	ug/l	96
22) Diisopropyl ether	6.31	45	427532	58.91	ug/l	97
23) Vinyl Acetate	6.26	43	1253436	299.73	ug/l	99
24) 1,1-Dichloroethane	6.21	63	237037	55.02	ug/l	98
25) 2-Butanone	7.18	43	199173	306.63	ug/l	95
26) 2,2-Dichloropropane	7.17	77	132438	46.06	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	141904	57.02	ug/l	99
28) Bromochloromethane	7.51	49	112967	63.01	ug/l	98
29) Tetrahydrofuran	7.54	42	129476	326.15	ug/l	99
30) Chloroform	7.68	83	241614	55.05	ug/l	99
31) Cyclohexane	7.96	56	197009	48.95	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	186787	51.56	ug/l	100
36) 1,1-Dichloropropene	8.09	75	182412	50.23	ug/l	99
37) Ethyl Acetate	7.26	43	91005	60.49	ug/l	100
38) Carbon Tetrachloride	8.07	117	172817	48.51	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	208959	49.73	ug/l	98
40) Benzene	8.32	78	523639	52.31	ug/l	99
41) Methacrylonitrile	7.49	41	57965	62.78	ug/l	97
42) 1,2-Dichloroethane	8.40	62	168034	53.58	ug/l	99
43) Isopropyl Acetate	8.43	43	173922	58.22	ug/l	99
44) Trichloroethene	9.10	130	141008	53.16	ug/l	100
45) 1,2-Dichloropropane	9.37	63	137991	54.14	ug/l	98
46) Dibromomethane	9.46	93	71264	54.61	ug/l	98
47) Bromodichloromethane	9.65	83	178977	53.51	ug/l	98
48) Methyl methacrylate	9.44	41	86380	61.53	ug/l	96
49) 1,4-Dioxane	9.48	88	22709	1152.56	ug/l #	1
51) 4-Methyl-2-Pentanone	10.22	43	467757	307.28	ug/l	99
52) Toluene	10.39	92	334482	52.11	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	184167	53.90	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	208256	53.55	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	101582	55.24	ug/l	99
56) Ethyl methacrylate	10.65	69	136209	61.00	ug/l	97
57) 1,3-Dichloropropane	10.94	76	180041	56.77	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	282388	282.11	ug/l	97
59) 2-Hexanone	10.98	43	323711	304.40	ug/l	99
60) Dibromochloromethane	11.13	129	117464	53.72	ug/l	100
61) 1,2-Dibromoethane	11.24	107	97588	56.10	ug/l	99
64) Tetrachloroethene	10.87	164	118051	50.30	ug/l	98
65) Chlorobenzene	11.66	112	374179	51.21	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	131729	51.30	ug/l	100
67) Ethyl Benzene	11.74	91	667623	51.55	ug/l	100
68) m/p-Xylenes	11.85	106	504750	102.52	ug/l	99
69) o-Xylene	12.17	106	245049	53.71	ug/l	99
70) Styrene	12.19	104	407936	53.71	ug/l	100
71) Bromoform	12.35	173	71388	53.65	ug/l #	99
73) Isopropylbenzene	12.47	105	669155	52.32	ug/l	99
74) N-amyl acetate	12.28	43	176651	60.68	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	124106	57.35	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	85270m	54.24	ug/l	
77) Bromobenzene	12.75	156	155293	52.13	ug/l	96
78) n-propylbenzene	12.81	91	812105	51.85	ug/l	100
79) 2-Chlorotoluene	12.90	91	465227	52.56	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	559347	52.10	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	36645	53.64	ug/l	98
82) 4-Chlorotoluene	12.99	91	477333	50.84	ug/l	99
83) tert-Butylbenzene	13.21	119	487077	53.23	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	579488	52.47	ug/l	100
85) sec-Butylbenzene	13.39	105	701898	51.61	ug/l	100
86) p-Isopropyltoluene	13.51	119	617384	51.47	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	309022	50.50	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	310688	51.07	ug/l	100
89) n-Butylbenzene	13.83	91	601138	51.41	ug/l	100
90) Hexachloroethane	14.10	117	111369	51.32	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	283155	52.82	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21673	59.52	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	203992	54.21	ug/l	100
94) Hexachlorobutadiene	15.25	225	112558	49.73	ug/l	98
95) Naphthalene	15.38	128	394092	61.74	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	181922	54.92	ug/l	99

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

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