

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062318\
 Data File : VW003500.D
 Acq On : 24 Jun 2018 10:05
 Operator : SY/AP
 Sample : VSTDCCC050EC
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 6/26/2018 11:44:01 AM

Quant Time: Jun 25 05:33:27 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	225455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	383242	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	360560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	190539	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	136406	55.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.72%	
35) Dibromofluoromethane	7.89	113	118324	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
50) Toluene-d8	10.33	98	467338	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
62) 4-Bromofluorobenzene	12.63	95	170174	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	40928	60.05	ug/l	83
3) Chloromethane	2.21	50	76462	44.40	ug/l	96
4) Vinyl Chloride	2.36	62	109336	43.55	ug/l	98
5) Bromomethane	2.78	94	74071	44.39	ug/l	98
6) Chloroethane	2.93	64	76270	43.64	ug/l	97
7) Trichlorofluoromethane	3.25	101	63823	42.44	ug/l	94
8) Diethyl Ether	3.68	74	59491	53.85	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	91052	43.60	ug/l	99
10) Methyl Iodide	4.26	142	163025	51.61	ug/l	99
11) Tert butyl alcohol	5.23	59	39951m	305.04	ug/l	
12) 1,1-Dichloroethene	4.03	96	95976	47.03	ug/l	98
13) Acrolein	3.90	56	58993	315.05	ug/l	96
14) Allyl chloride	4.66	41	180649	51.10	ug/l	99
15) Acrylonitrile	5.37	53	130629	287.37	ug/l	100
16) Acetone	4.15	43	112641	219.93	ug/l	99
17) Carbon Disulfide	4.37	76	277884	46.05	ug/l	100
18) Methyl Acetate	4.68	43	71896	59.17	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	218786	57.24	ug/l	100
20) Methylene Chloride	4.92	84	117720	54.43	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	110104	49.57	ug/l	99
22) Diisopropyl ether	6.32	45	405082	56.93	ug/l	99
23) Vinyl Acetate	6.26	43	1119834	273.12	ug/l	99
24) 1,1-Dichloroethane	6.22	63	223942	53.02	ug/l	99
25) 2-Butanone	7.18	43	171856	269.85	ug/l	96
26) 2,2-Dichloropropane	7.17	77	117469	41.67	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	129074	52.90	ug/l	99
28) Bromochloromethane	7.51	49	107884	61.38	ug/l	99
29) Tetrahydrofuran	7.54	42	114624	294.49	ug/l	99
30) Chloroform	7.68	83	230801	53.63	ug/l	97
31) Cyclohexane	7.96	56	170822	43.29	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	175623	49.44	ug/l	99
36) 1,1-Dichloropropene	8.09	75	166259	44.92	ug/l	100
37) Ethyl Acetate	7.26	43	78377	51.12	ug/l	99
38) Carbon Tetrachloride	8.07	117	157320	43.33	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	180077	42.05	ug/l	97
40) Benzene	8.32	78	498241	48.84	ug/l	99
41) Methacrylonitrile	7.49	41	49415	52.52	ug/l	99
42) 1,2-Dichloroethane	8.40	62	163543	51.17	ug/l	99
43) Isopropyl Acetate	8.43	43	156456	51.39	ug/l	99
44) Trichloroethene	9.10	130	126027	46.62	ug/l	99
45) 1,2-Dichloropropane	9.37	63	132082	50.85	ug/l	97
46) Dibromomethane	9.46	93	67701	50.91	ug/l	97
47) Bromodichloromethane	9.65	83	172354	50.56	ug/l	99
48) Methyl methacrylate	9.44	41	77611	54.24	ug/l	97
49) 1,4-Dioxane	9.48	88	22406	1115.85	ug/l #	1
51) 4-Methyl-2-Pentanone	10.22	43	417190	268.92	ug/l	99
52) Toluene	10.39	92	320034	48.92	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	171338	49.20	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	193934	48.93	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	95815	51.13	ug/l	99
56) Ethyl methacrylate	10.65	69	123357	54.21	ug/l	97
57) 1,3-Dichloropropane	10.94	76	167461	51.81	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	280144	274.62	ug/l	99
59) 2-Hexanone	10.98	43	286062	263.95	ug/l	99
60) Dibromochloromethane	11.13	129	111748	50.14	ug/l	99
61) 1,2-Dibromoethane	11.24	107	91206	51.45	ug/l	98
64) Tetrachloroethene	10.87	164	118912	49.31	ug/l	98
65) Chlorobenzene	11.66	112	356722	47.51	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	126742	48.03	ug/l	99
67) Ethyl Benzene	11.74	91	626480	47.07	ug/l	100
68) m/p-Xylenes	11.85	106	473935	93.67	ug/l	99
69) o-Xylene	12.17	106	227484	48.51	ug/l	98
70) Styrene	12.19	104	391090	50.11	ug/l	99
71) Bromoform	12.35	173	67360	49.26	ug/l #	100
73) Isopropylbenzene	12.47	105	619114	46.72	ug/l	99
74) N-amyl acetate	12.28	43	159679	52.94	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	113867	50.79	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	81732m	50.18	ug/l	
77) Bromobenzene	12.76	156	147754	47.87	ug/l	96
78) n-propylbenzene	12.81	91	751178	46.29	ug/l	99
79) 2-Chlorotoluene	12.90	91	440252	48.01	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	529835	47.63	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	31572	44.60	ug/l	95
82) 4-Chlorotoluene	13.00	91	462873	47.58	ug/l	99
83) tert-Butylbenzene	13.21	119	448545	47.31	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	554355	48.45	ug/l	100
85) sec-Butylbenzene	13.39	105	648405	46.01	ug/l	100
86) p-Isopropyltoluene	13.51	119	571379	45.97	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	299404	47.22	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	297124	47.14	ug/l	100
89) n-Butylbenzene	13.83	91	536582	44.29	ug/l	100
90) Hexachloroethane	14.10	117	105614	46.98	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	273090	49.17	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19578	51.89	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	185431	47.56	ug/l	100
94) Hexachlorobutadiene	15.25	225	103545	44.15	ug/l	99
95) Naphthalene	15.38	128	351552	53.15	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	167540	48.82	ug/l	99

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

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