

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112618\
 Data File : VW007063.D
 Acq On : 26 Nov 2018 23:38
 Operator : VAY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 11/27/2018 3:03:09 PM

Quant Time: Nov 27 07:26:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	107513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	171953	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	163111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	82395	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	57343	54.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.96%	
35) Dibromofluoromethane	7.88	113	51847	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	
50) Toluene-d8	10.32	98	223001	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
62) 4-Bromofluorobenzene	12.62	95	88753	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	49946	47.05	ug/l	98
3) Chloromethane	2.21	50	42911	48.51	ug/l	99
4) Vinyl Chloride	2.35	62	43226	49.66	ug/l	100
5) Bromomethane	2.77	94	23918	51.49	ug/l	95
6) Chloroethane	2.91	64	24318	50.68	ug/l	97
7) Trichlorofluoromethane	3.26	101	86864	50.75	ug/l	98
8) Diethyl Ether	3.68	74	28917	52.44	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	53193	47.94	ug/l	99
10) Methyl Iodide	4.27	142	68007	53.54	ug/l	99
11) Tert butyl alcohol	5.20	59	20611	300.80	ug/l	98
12) 1,1-Dichloroethene	4.04	96	49398	50.76	ug/l	97
13) Acrolein	3.90	56	20575	292.39	ug/l	96
14) Allyl chloride	4.67	41	82496	51.11	ug/l	99
15) Acrylonitrile	5.37	53	62137	299.78	ug/l	100
16) Acetone	4.14	43	45571m	298.20	ug/l	
17) Carbon Disulfide	4.38	76	170088	54.06	ug/l	99
18) Methyl Acetate	4.68	43	30833	56.66	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	145789	57.38	ug/l	100
20) Methylene Chloride	4.92	84	60798	49.91	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	56996	50.28	ug/l	99
22) Diisopropyl ether	6.31	45	166335	52.95	ug/l	99
23) Vinyl Acetate	6.26	43	492012	294.91	ug/l	99
24) 1,1-Dichloroethane	6.21	63	97982	51.27	ug/l	97
25) 2-Butanone	7.17	43	74789	285.74	ug/l	99
26) 2,2-Dichloropropane	7.17	77	82963	48.27	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	63306	52.44	ug/l	98
28) Bromochloromethane	7.51	49	41454	58.03	ug/l	99
29) Tetrahydrofuran	7.54	42	49212	290.31	ug/l	98
30) Chloroform	7.68	83	103183	50.82	ug/l	98
31) Cyclohexane	7.96	56	92390	45.58	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	95591	52.27	ug/l	99
36) 1,1-Dichloropropene	8.08	75	83312	49.58	ug/l	99
37) Ethyl Acetate	7.26	43	35813	58.81	ug/l	97
38) Carbon Tetrachloride	8.07	117	82541	51.30	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	102480	48.74	ug/l	98
40) Benzene	8.32	78	235376	51.89	ug/l	98
41) Methacrylonitrile	7.49	41	20527m	54.28	ug/l	
42) 1,2-Dichloroethane	8.40	62	68739	52.20	ug/l	98
43) Isopropyl Acetate	8.43	43	70656m	60.89	ug/l	
44) Trichloroethene	9.09	130	66983	52.68	ug/l	96
45) 1,2-Dichloropropane	9.37	63	57966	51.84	ug/l	100
46) Dibromomethane	9.46	93	30913	55.21	ug/l	100
47) Bromodichloromethane	9.65	83	77005	52.20	ug/l	96
48) Methyl methacrylate	9.44	41	34331	61.36	ug/l	97
49) 1,4-Dioxane	9.48	88	9552	1147.76	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	173226	295.40	ug/l	99
52) Toluene	10.39	92	160511	52.00	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	80534	56.35	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	93404	54.10	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	45866	55.68	ug/l	97
56) Ethyl methacrylate	10.65	69	59340	62.05	ug/l	97
57) 1,3-Dichloropropane	10.93	76	76535	55.44	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	135074	270.31	ug/l	99
59) 2-Hexanone	10.97	43	120046	298.95	ug/l	100
60) Dibromochloromethane	11.13	129	54565	58.13	ug/l	99
61) 1,2-Dibromoethane	11.24	107	43880	58.23	ug/l	98
64) Tetrachloroethene	10.86	164	56945	54.27	ug/l	97
65) Chlorobenzene	11.66	112	177335	52.09	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	57305	55.64	ug/l	99
67) Ethyl Benzene	11.73	91	319315	51.06	ug/l	98
68) m/p-Xylenes	11.84	106	249825	101.82	ug/l	99
69) o-Xylene	12.17	106	118298	51.13	ug/l	99
70) Styrene	12.18	104	196782	53.44	ug/l	99
71) Bromoform	12.35	173	30195	62.24	ug/l #	99
73) Isopropylbenzene	12.47	105	320910	50.11	ug/l	100
74) N-amyl acetate	12.27	43	66157	61.64	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	50327	59.05	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	29338m	45.31	ug/l	
77) Bromobenzene	12.75	156	72375	52.62	ug/l	98
78) n-propylbenzene	12.81	91	382250	49.28	ug/l	99
79) 2-Chlorotoluene	12.90	91	224274	50.15	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	279338	50.44	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	15348	59.51	ug/l	97
82) 4-Chlorotoluene	12.99	91	234020	49.86	ug/l	100
83) tert-Butylbenzene	13.21	119	239588	49.97	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	278655	50.51	ug/l	99
85) sec-Butylbenzene	13.39	105	331574	48.95	ug/l	99
86) p-Isopropyltoluene	13.50	119	295454	49.45	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	142847	50.87	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	143876	51.39	ug/l	99
89) n-Butylbenzene	13.83	91	275817	49.05	ug/l	99
90) Hexachloroethane	14.10	117	45543	52.21	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	130285	52.95	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9039	62.80	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	84303	51.96	ug/l	99
94) Hexachlorobutadiene	15.24	225	43648	49.49	ug/l	98
95) Naphthalene	15.37	128	172000	58.40	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	71495	53.12	ug/l	98

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

