

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007174.D
 Acq On : 04 Dec 2018 01:44
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Manual Integrations
 APPROVED

apatel
 12/5/2018 12:43:07 PM

Quant Time: Dec 04 04:01:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 03:43:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	111407	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	179406	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	172063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	84235	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	81404	74.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	149.86%	
35) Dibromofluoromethane	7.88	113	76856	76.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	152.40%	
50) Toluene-d8	10.33	98	330800	74.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	149.54%	
62) 4-Bromofluorobenzene	12.62	95	127906	73.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	146.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	69426	63.852	ug/l	99
3) Chloromethane	2.21	50	105463	104.165	ug/l	99
4) Vinyl Chloride	2.35	62	59534	66.968	ug/l	96
5) Bromomethane	2.75	94	25617	56.458	ug/l	100
6) Chloroethane	2.90	64	34370	70.018	ug/l	99
7) Trichlorofluoromethane	3.25	101	117881	66.934	ug/l	97
8) Diethyl Ether	3.68	74	39469	69.232	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	72025	63.237	ug/l	99
10) Methyl Iodide	4.27	142	51458	43.306	ug/l	99
11) Tert butyl alcohol	5.16	59	36664	483.194	ug/l	97
12) 1,1-Dichloroethene	4.04	96	69165	68.739	ug/l	97
13) Acrolein	3.90	56	28792	391.563	ug/l	98
14) Allyl chloride	4.67	41	115687	69.207	ug/l	98
15) Acrylonitrile	5.37	53	85677	396.856	ug/l	98
16) Acetone	4.12	43	76304	463.230	ug/l	99
17) Carbon Disulfide	4.38	76	244489	74.423	ug/l	98
18) Methyl Acetate	4.67	43	42868	75.416	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	188788	72.213	ug/l	100
20) Methylene Chloride	4.92	84	85289	54.556	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	80972	68.906	ug/l	98
22) Diisopropyl ether	6.32	45	222738	68.769	ug/l	98
23) Vinyl Acetate	6.26	43	626402	364.846	ug/l	97
24) 1,1-Dichloroethane	6.22	63	135611	68.628	ug/l	100
25) 2-Butanone	7.17	43	105437	388.625	ug/l	100
26) 2,2-Dichloropropane	7.17	77	114076	64.478	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	89141	71.022	ug/l	100
28) Bromochloromethane	7.52	49	56829	77.192	ug/l	98
29) Tetrahydrofuran	7.53	42	69109	393.990	ug/l	99
30) Chloroform	7.68	83	144698	68.858	ug/l	96
31) Cyclohexane	7.95	56	123402	59.713	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	128854	68.175	ug/l	99
36) 1,1-Dichloropropene	8.09	75	111411	64.475	ug/l	100
37) Ethyl Acetate	7.26	43	46829	73.967	ug/l	99
38) Carbon Tetrachloride	8.07	117	111018	66.743	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	143301	66.203	ug/l	98
40) Benzene	8.33	78	324642	69.144	ug/l	98
41) Methacrylonitrile	7.49	41	26669	67.185	ug/l	89
42) 1,2-Dichloroethane	8.40	62	94260	69.209	ug/l	100
43) Isopropyl Acetate	8.43	43	93968	77.460	ug/l	99
44) Trichloroethene	9.09	130	89626	68.056	ug/l	99
45) 1,2-Dichloropropane	9.37	63	77887	67.669	ug/l	100
46) Dibromomethane	9.46	93	42381	72.590	ug/l	99
47) Bromodichloromethane	9.65	83	106176	69.385	ug/l	98
48) Methyl methacrylate	9.44	41	46394	79.601	ug/l	97
49) 1,4-Dioxane	9.45	88	15274	1718.803	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	233024	382.270	ug/l	100
52) Toluene	10.39	92	224474	70.255	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	110876	74.606	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	125101	70.255	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	60398	70.733	ug/l	98
56) Ethyl methacrylate	10.65	69	83744	83.269	ug/l	99
57) 1,3-Dichloropropane	10.93	76	101948	71.212	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	167410	328.972	ug/l	98
59) 2-Hexanone	10.97	43	169267	406.730	ug/l	99
60) Dibromochloromethane	11.13	129	74098	75.577	ug/l	99
61) 1,2-Dibromoethane	11.24	107	58234	73.843	ug/l	98
64) Tetrachloroethene	10.87	164	82734	74.074	ug/l	96
65) Chlorobenzene	11.66	112	253310	70.788	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	78423	71.496	ug/l	99
67) Ethyl Benzene	11.73	91	443780	67.634	ug/l	99
68) m/p-Xylenes	11.84	106	349629	135.718	ug/l	99
69) o-Xylene	12.17	106	167962	69.189	ug/l	99
70) Styrene	12.18	104	277612	71.618	ug/l	100
71) Bromoform	12.35	173	41660	79.860	ug/l #	96
73) Isopropylbenzene	12.47	105	440831	68.139	ug/l	100
74) N-amyl acetate	12.27	43	92444	83.705	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	67781	77.665	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	53108m	77.773	ug/l	
77) Bromobenzene	12.75	156	100629	72.233	ug/l	97
78) n-propylbenzene	12.81	91	531607	68.000	ug/l	98
79) 2-Chlorotoluene	12.90	91	311984	69.086	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	385159	68.852	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	20950	78.761	ug/l	95
82) 4-Chlorotoluene	12.99	91	329308	69.575	ug/l	100
83) tert-Butylbenzene	13.21	119	330583	68.146	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	398076	71.336	ug/l	98
85) sec-Butylbenzene	13.39	105	471443	69.011	ug/l	100
86) p-Isopropyltoluene	13.51	119	410960	68.105	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	203387	71.691	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	209006	73.490	ug/l	98
89) n-Butylbenzene	13.83	91	398900	70.372	ug/l	97
90) Hexachloroethane	14.10	117	64971	72.836	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	184342	73.888	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	13205	88.024	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	127765	77.111	ug/l	100
94) Hexachlorobutadiene	15.24	225	61797	69.556	ug/l	99
95) Naphthalene	15.38	128	243782	80.753	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	108333	78.831	ug/l	100

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

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