

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091618\
 Data File : VW005404.D
 Acq On : 15 Sep 2018 00:31
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Manual Integrations
 APPROVED

apatel
 9/17/2018 2:24:00 PM

Quant Time: Sep 15 02:23:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:05:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	228686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	338563	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	327878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	173630	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	154714	85.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	171.90%	
35) Dibromofluoromethane	7.89	113	127959	71.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	143.96%	
50) Toluene-d8	10.33	98	624714	70.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	141.16%	
62) 4-Bromofluorobenzene	12.62	95	228204	69.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	139.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	137687	68.62	ug/l	100
3) Chloromethane	2.21	50	176583	66.75	ug/l	99
4) Vinyl Chloride	2.36	62	168253	68.97	ug/l	95
5) Bromomethane	2.78	94	108749	65.33	ug/l	100
6) Chloroethane	2.92	64	101369	74.35	ug/l	99
7) Trichlorofluoromethane	3.26	101	216331	76.03	ug/l	98
8) Diethyl Ether	3.70	74	67893	69.14	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	125526	64.13	ug/l	99
10) Methyl Iodide	4.28	142	188169	86.80	ug/l	99
11) Tert butyl alcohol	5.23	59	49159	347.04	ug/l	97
12) 1,1-Dichloroethene	4.05	96	117438	65.38	ug/l	96
13) Acrolein	3.91	56	34252	263.21	ug/l	98
14) Allyl chloride	4.68	41	228091	79.73	ug/l	99
15) Acrylonitrile	5.38	53	157621	355.52	ug/l	100
16) Acetone	4.16	43	123949	381.64	ug/l	99
17) Carbon Disulfide	4.38	76	418730	66.54	ug/l	99
18) Methyl Acetate	4.68	43	75869	77.45	ug/l	98
19) Methyl tert-butyl Ether	5.44	73	343547	78.10	ug/l	96
20) Methylene Chloride	4.93	84	165171	61.04	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	139587	66.17	ug/l	97
22) Diisopropyl ether	6.32	45	471756	81.79	ug/l	99
23) Vinyl Acetate	6.27	43	1326698	411.36	ug/l	100
24) 1,1-Dichloroethane	6.23	63	263970	74.78	ug/l	99
25) 2-Butanone	7.18	43	192137	374.39	ug/l	95
26) 2,2-Dichloropropane	7.18	77	230136	75.07	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	154122	68.04	ug/l	99
28) Bromochloromethane	7.52	49	96578	74.36	ug/l #	100
29) Tetrahydrofuran	7.54	42	124776	364.78	ug/l	99
30) Chloroform	7.68	83	272781	76.97	ug/l	98
31) Cyclohexane	7.96	56	250918	68.69	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	257034	79.72	ug/l	99
36) 1,1-Dichloropropene	8.09	75	223687	71.75	ug/l	99
37) Ethyl Acetate	7.27	43	87991	73.03	ug/l	97
38) Carbon Tetrachloride	8.07	117	228536	76.90	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	269121	66.43	ug/l	97
40) Benzene	8.33	78	645100	70.62	ug/l	99
41) Methacrylonitrile	7.50	41	58947	93.78	ug/l	96
42) 1,2-Dichloroethane	8.41	62	191812	83.22	ug/l	99
43) Isopropyl Acetate	8.43	43	178899	79.52	ug/l	100
44) Trichloroethene	9.10	130	164842	66.46	ug/l	100
45) 1,2-Dichloropropane	9.38	63	154698	70.49	ug/l	99
46) Dibromomethane	9.46	93	74072	68.42	ug/l	99
47) Bromodichloromethane	9.65	83	205234	76.38	ug/l	100
48) Methyl methacrylate	9.45	41	89961	77.61	ug/l	98
49) 1,4-Dioxane	9.48	88	27572	1402.80	ug/l #	97
51) 4-Methyl-2-Pentanone	10.22	43	478019	382.66	ug/l	100
52) Toluene	10.40	92	451951	68.45	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	212517	74.15	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	244811	72.05	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	109563	64.57	ug/l	98
56) Ethyl methacrylate	10.65	69	155349	71.96	ug/l	99
57) 1,3-Dichloropropane	10.94	76	194946	68.45	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	348137	369.35	ug/l	100
59) 2-Hexanone	10.98	43	335326	373.87	ug/l	100
60) Dibromochloromethane	11.13	129	136342	71.39	ug/l	100
61) 1,2-Dibromoethane	11.24	107	101156	65.07	ug/l	99
64) Tetrachloroethene	10.87	164	170746	70.37	ug/l	98
65) Chlorobenzene	11.66	112	485949	68.16	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	156306	72.54	ug/l	100
67) Ethyl Benzene	11.74	91	897061	72.05	ug/l	100
68) m/p-Xylenes	11.85	106	683391	136.98	ug/l	100
69) o-Xylene	12.17	106	321871	69.48	ug/l	99
70) Styrene	12.19	104	543945	71.73	ug/l	99
71) Bromoform	12.35	173	83533	71.79	ug/l #	100
73) Isopropylbenzene	12.47	105	890811	73.06	ug/l	100
74) N-amyl acetate	12.28	43	191302	80.77	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	123617	67.77	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	95647m	71.77	ug/l	
77) Bromobenzene	12.76	156	202334	70.12	ug/l	99
78) n-propylbenzene	12.81	91	1070743	72.59	ug/l	100
79) 2-Chlorotoluene	12.90	91	622889	73.51	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	783721	74.60	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	38868	68.82	ug/l	98
82) 4-Chlorotoluene	12.99	91	652424	73.09	ug/l	100
83) tert-Butylbenzene	13.21	119	652047	71.56	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	798378	75.28	ug/l	100
85) sec-Butylbenzene	13.39	105	923499	70.62	ug/l	99
86) p-Isopropyltoluene	13.51	119	844085	72.76	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	407834	67.74	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	399756	67.18	ug/l	100
89) n-Butylbenzene	13.83	91	786174	72.10	ug/l	100
90) Hexachloroethane	14.10	117	137520	73.19	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	361122	67.89	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22773	73.45	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	250877	67.05	ug/l	99
94) Hexachlorobutadiene	15.24	225	159622	66.64	ug/l	100
95) Naphthalene	15.38	128	441160	72.83	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	218833	68.10	ug/l	99

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

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