

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090118\
 Data File : VW005058.D
 Acq On : 01 Sep 2018 01:29
 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
 9/4/2018 9:37:08 AM

Quant Time: Sep 01 03:24:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:06:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	506423	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	730015	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	716675	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	381837	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	278849	78.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	156.70%	
35) Dibromofluoromethane	7.89	113	290210	78.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	156.30%	
50) Toluene-d8	10.33	98	1399097	70.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	140.46%	
62) 4-Bromofluorobenzene	12.62	95	497268	68.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	137.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	255660	58.74	ug/l	98
3) Chloromethane	2.22	50	392835	63.08	ug/l	99
4) Vinyl Chloride	2.36	62	388467	62.72	ug/l	99
5) Bromomethane	2.77	94	255023	62.57	ug/l	99
6) Chloroethane	2.92	64	240973	65.10	ug/l	99
7) Trichlorofluoromethane	3.26	101	431589	67.20	ug/l	99
8) Diethyl Ether	3.69	74	157714	82.74	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	290827	71.96	ug/l	99
10) Methyl Iodide	4.28	142	475892	85.92	ug/l	100
11) Tert butyl alcohol	5.18	59	97395	375.82	ug/l	98
12) 1,1-Dichloroethene	4.04	96	280580	74.61	ug/l	98
13) Acrolein	3.90	56	98618	342.05	ug/l	99
14) Allyl chloride	4.68	41	456450	78.47	ug/l	99
15) Acrylonitrile	5.38	53	358029	380.26	ug/l	100
16) Acetone	4.14	43	289096	364.31	ug/l	95
17) Carbon Disulfide	4.39	76	992242	64.51	ug/l	99
18) Methyl Acetate	4.68	43	168454	85.16	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	729375	88.19	ug/l	100
20) Methylene Chloride	4.93	84	393224	59.25	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	337433	80.95	ug/l	98
22) Diisopropyl ether	6.32	45	980649	82.36	ug/l	97
23) Vinyl Acetate	6.26	43	2646914	431.82	ug/l	100
24) 1,1-Dichloroethane	6.23	63	575229	79.34	ug/l	100
25) 2-Butanone	7.18	43	508229	405.20	ug/l	98
26) 2,2-Dichloropropane	7.18	77	448167	71.20	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	374577	82.18	ug/l	99
28) Bromochloromethane	7.52	49	224106	71.85	ug/l	100
29) Tetrahydrofuran	7.54	42	269518	421.14	ug/l	99
30) Chloroform	7.68	83	577567	80.35	ug/l	97
31) Cyclohexane	7.96	56	562619	74.58	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	505394	77.26	ug/l	99
36) 1,1-Dichloropropene	8.09	75	490088	77.96	ug/l	99
37) Ethyl Acetate	7.26	43	185968	80.81	ug/l	100
38) Carbon Tetrachloride	8.07	117	451026	73.79	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	626399	72.99	ug/l	98
40) Benzene	8.33	78	1506210	75.12	ug/l	99
41) Methacrylonitrile	7.49	41	102018	75.27	ug/l	91
42) 1,2-Dichloroethane	8.41	62	347188	76.22	ug/l	100
43) Isopropyl Acetate	8.43	43	347336	77.13	ug/l	99
44) Trichloroethene	9.10	130	400949	77.62	ug/l	96
45) 1,2-Dichloropropane	9.37	63	366567	79.25	ug/l	99
46) Dibromomethane	9.46	93	169567	76.59	ug/l	99
47) Bromodichloromethane	9.65	83	430819	78.65	ug/l	98
48) Methyl methacrylate	9.44	41	175187	75.00	ug/l	97
49) 1,4-Dioxane	9.46	88	61758	1383.25	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	1213159	364.65	ug/l	99
52) Toluene	10.40	92	1050361	70.83	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	456779	79.61	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	550286	81.67	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	267703	74.87	ug/l	96
56) Ethyl methacrylate	10.65	69	350441	75.96	ug/l	99
57) 1,3-Dichloropropane	10.94	76	455180	77.69	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	821127	409.04	ug/l	99
59) 2-Hexanone	10.98	43	843699	352.81	ug/l	98
60) Dibromochloromethane	11.13	129	312147	79.66	ug/l	99
61) 1,2-Dibromoethane	11.24	107	247012	74.39	ug/l	99
64) Tetrachloroethene	10.87	164	403245	76.14	ug/l	98
65) Chlorobenzene	11.66	112	1156505	72.75	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	352028	80.01	ug/l	100
67) Ethyl Benzene	11.74	91	2034018	74.73	ug/l	99
68) m/p-Xylenes	11.85	106	1625469	146.95	ug/l	100
69) o-Xylene	12.17	106	758842	75.16	ug/l	98
70) Styrene	12.19	104	1272771	75.91	ug/l	99
71) Bromoform	12.35	173	189405	77.89	ug/l #	99
73) Isopropylbenzene	12.47	105	2032427	78.44	ug/l	99
74) N-amyl acetate	12.28	43	365657	76.12	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	297062	76.39	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	202583m	74.14	ug/l	
77) Bromobenzene	12.76	156	482821	76.00	ug/l	99
78) n-propylbenzene	12.81	91	2452272	76.95	ug/l	100
79) 2-Chlorotoluene	12.90	91	1395586	75.85	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1745912	76.52	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	93701	78.55	ug/l	95
82) 4-Chlorotoluene	12.99	91	1447702	73.99	ug/l	100
83) tert-Butylbenzene	13.21	119	1476371	77.01	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1780351	76.81	ug/l	100
85) sec-Butylbenzene	13.39	105	2132078	75.91	ug/l	100
86) p-Isopropyltoluene	13.51	119	1909080	75.95	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	969533	72.41	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	946135	71.39	ug/l	99
89) n-Butylbenzene	13.83	91	1760839	74.77	ug/l	100
90) Hexachloroethane	14.10	117	305578	77.02	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	851912	72.33	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	46403	69.61	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	589516	71.83	ug/l	99
94) Hexachlorobutadiene	15.24	225	349511	68.13	ug/l	99
95) Naphthalene	15.38	128	994613	74.44	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	505610	70.02	ug/l	100

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

