

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110918\
 Data File : VW006783.D
 Acq On : 09 Nov 2018 12:41
 Operator : SY/AP
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

apatel
 11/12/2018 3:40:30 PM

Quant Time: Nov 09 14:06:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110918S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 09 12:09:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	290204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	385080	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	383682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	221174	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	23179	9.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.58%	
35) Dibromofluoromethane	7.89	113	23386	9.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.36%	
50) Toluene-d8	10.33	98	98997	10.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.52%	
62) 4-Bromofluorobenzene	12.62	95	35670	10.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	28568	18.989	ug/l	98
3) Chloromethane	2.21	50	32312	17.359	ug/l	98
4) Vinyl Chloride	2.36	62	33376	12.842	ug/l	98
5) Bromomethane	2.78	94	23888	10.952	ug/l	100
6) Chloroethane	2.92	64	22099	12.169	ug/l	92
7) Trichlorofluoromethane	3.26	101	40886	17.814	ug/l	97
8) Diethyl Ether	3.69	74	11024	8.787	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	4.07	101	27410	11.184	ug/l	99
10) Methyl Iodide	4.28	142	34824	7.837	ug/l	99
11) Tert butyl alcohol	5.22	59	7361	54.767	ug/l #	97
12) 1,1-Dichloroethene	4.04	96	21562	9.109	ug/l	97
13) Acrolein	3.91	56	7289	43.118	ug/l	99
14) Allyl chloride	4.68	41	28176	9.119	ug/l	98
15) Acrylonitrile	5.39	53	22035	48.983	ug/l	99
16) Acetone	4.15	43	15928	39.548	ug/l	98
17) Carbon Disulfide	4.39	76	69399	10.303	ug/l	98
18) Methyl Acetate	4.69	43	10844	9.363	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	51128	14.511	ug/l	96
20) Methylene Chloride	4.93	84	34537	11.014	ug/l	94
21) trans-1,2-Dichloroethene	5.43	96	26225	9.791	ug/l	92
22) Diisopropyl ether	6.32	45	58541	9.088	ug/l	99
23) Vinyl Acetate	6.26	43	167759	46.963	ug/l	100
24) 1,1-Dichloroethane	6.23	63	39742	9.103	ug/l	97
25) 2-Butanone	7.18	43	26167	45.531	ug/l	98
26) 2,2-Dichloropropane	7.17	77	39913	15.177	ug/l	96
27) cis-1,2-Dichloroethene	7.18	96	27483	9.171	ug/l	96
28) Bromochloromethane	7.52	49	14539	8.387	ug/l	99
29) Tetrahydrofuran	7.54	42	16978	46.968	ug/l	97
30) Chloroform	7.68	83	44493	9.296	ug/l	96
31) Cyclohexane	7.96	56	43609	10.975	ug/l #	95
32) 1,1,1-Trichloroethane	7.88	97	43912	10.842	ug/l	99
36) 1,1-Dichloropropene	8.09	75	37002	10.927	ug/l	99
37) Ethyl Acetate	7.26	43	13383	11.404	ug/l	97
38) Carbon Tetrachloride	8.07	117	40023	11.311	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	44557	10.368	ug/l	98
40) Benzene	8.33	78	102717	10.679	ug/l	99
41) Methacrylonitrile	7.49	41	7476	10.389	ug/l	96
42) 1,2-Dichloroethane	8.41	62	28346	10.276	ug/l	99
43) Isopropyl Acetate	8.43	43	22792	9.733	ug/l	99
44) Trichloroethene	9.10	130	31472	10.603	ug/l	100
45) 1,2-Dichloropropane	9.37	63	24356	10.881	ug/l	95
46) Dibromomethane	9.46	93	13679	10.396	ug/l	99
47) Bromodichloromethane	9.65	83	32766	10.724	ug/l	97
48) Methyl methacrylate	9.44	41	10679	9.465	ug/l	97
49) 1,4-Dioxane	9.48	88	4032	209.377	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	59908	49.811	ug/l	98
52) Toluene	10.39	92	71273	11.048	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	29734	10.112	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	36275	10.440	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	19402	10.392	ug/l	98
56) Ethyl methacrylate	10.65	69	19716	9.291	ug/l	96
57) 1,3-Dichloropropane	10.93	76	30896	10.191	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	50423	48.882	ug/l	98
59) 2-Hexanone	10.98	43	40136	49.135	ug/l	96
60) Dibromochloromethane	11.13	129	22900	10.352	ug/l	98
61) 1,2-Dibromoethane	11.24	107	18639	10.053	ug/l	99
64) Tetrachloroethene	10.87	164	31041	10.149	ug/l	99
65) Chlorobenzene	11.66	112	85721	10.617	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	26667	9.397	ug/l	99
67) Ethyl Benzene	11.74	91	138147	10.237	ug/l	100
68) m/p-Xylenes	11.85	106	112490	20.864	ug/l	100
69) o-Xylene	12.17	106	50977	9.931	ug/l	99
70) Styrene	12.18	104	81924	9.790	ug/l	100
71) Bromoform	12.35	173	13858	9.212	ug/l #	99
73) Isopropylbenzene	12.47	105	137665	9.449	ug/l	100
74) N-amyl acetate	12.28	43	22193	8.815	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	21610	9.391	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	15620m	9.052	ug/l	
77) Bromobenzene	12.75	156	37605	9.969	ug/l	99
78) n-propylbenzene	12.81	91	166604	9.941	ug/l	100
79) 2-Chlorotoluene	12.90	91	94623	9.838	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	123120	10.058	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	5298	8.916	ug/l	94
82) 4-Chlorotoluene	12.99	91	103178	10.140	ug/l	98
83) tert-Butylbenzene	13.21	119	104509	9.574	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	125957	10.032	ug/l	100
85) sec-Butylbenzene	13.39	105	151732	9.925	ug/l	99
86) p-Isopropyltoluene	13.51	119	137232	9.865	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	77242	10.397	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	77568	10.533	ug/l	97
89) n-Butylbenzene	13.83	91	128875	10.436	ug/l	98
90) Hexachloroethane	14.10	117	21215	9.279	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	68545	10.257	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3402	9.111	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	49843	10.031	ug/l	100
94) Hexachlorobutadiene	15.24	225	32688	10.555	ug/l	98
95) Naphthalene	15.38	128	70564	8.836	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	43536	9.969	ug/l	99

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

