

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110218\
 Data File : VW006542.D
 Acq On : 31 Oct 2018 23:29
 Operator : SY/AP
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

apatel
 11/2/2018 3:11:20 PM

Quant Time: Nov 01 03:29:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:03:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	277599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	406131	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	379267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	208085	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	12406	5.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.68%	
35) Dibromofluoromethane	7.89	113	12524	5.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.32%	
50) Toluene-d8	10.33	98	46797	5.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.10%	
62) 4-Bromofluorobenzene	12.62	95	17155	4.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.92%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.02	85	6636m	4.887	ug/l
3) Chloromethane	2.21	50	9169	5.207	ug/l
4) Vinyl Chloride	2.37	62	12432	4.970	ug/l
5) Bromomethane	2.79	94	10449	4.616	ug/l
6) Chloroethane	2.93	64	8804	4.927	ug/l
7) Trichlorofluoromethane	3.26	101	10185	4.416	ug/l
8) Diethyl Ether	3.68	74	6485	5.301	ug/l
9) 1,1,2-Trichlorotrifluoroet	4.06	101	11528	4.706	ug/l
10) Methyl Iodide	4.26	142	21255	5.158	ug/l
11) Tert butyl alcohol	5.26	59	3356	22.130	ug/l #
12) 1,1-Dichloroethene	4.03	96	11422	4.937	ug/l
13) Acrolein	3.90	56	4166	27.337	ug/l
14) Allyl chloride	4.67	41	14160	4.333	ug/l
15) Acrylonitrile	5.38	53	11073	24.828	ug/l
16) Acetone	4.15	43	10740	21.929	ug/l
17) Carbon Disulfide	4.37	76	30168	4.366	ug/l
18) Methyl Acetate	4.70	43	6042	5.270	ug/l
19) Methyl tert-butyl Ether	5.42	73	17347	4.945	ug/l
20) Methylene Chloride	4.92	84	19401	7.129	ug/l
21) trans-1,2-Dichloroethene	5.42	96	12527	4.846	ug/l
22) Diisopropyl ether	6.32	45	29708	4.566	ug/l
23) Vinyl Acetate	6.27	43	79413	20.814	ug/l
24) 1,1-Dichloroethane	6.21	63	20995	4.978	ug/l
25) 2-Butanone	7.19	43	14134	22.986	ug/l
26) 2,2-Dichloropropane	7.17	77	13088	4.485	ug/l
27) cis-1,2-Dichloroethene	7.17	96	14235	4.975	ug/l
28) Bromochloromethane	7.51	49	8869	5.461	ug/l
29) Tetrahydrofuran	7.54	42	8728	23.054	ug/l
30) Chloroform	7.68	83	22742	4.929	ug/l
31) Cyclohexane	7.96	56	21823	5.259	ug/l #
32) 1,1,1-Trichloroethane	7.87	97	18881	4.588	ug/l
36) 1,1-Dichloropropene	8.09	75	17927	4.824	ug/l
37) Ethyl Acetate	7.26	43	6050	4.403	ug/l
38) Carbon Tetrachloride	8.07	117	17501	4.326	ug/l

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Quant Time: Nov 01 03:29:56 2018
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	21414	4.357	ug/l	97
40) Benzene	8.33	78	48931	4.762	ug/l	98
41) Methacrylonitrile	7.49	41	3954	4.809	ug/l	94
42) 1,2-Dichloroethane	8.40	62	14717	4.907	ug/l	97
43) Isopropyl Acetate	8.43	43	11859	4.249	ug/l	99
44) Trichloroethene	9.10	130	15213	4.824	ug/l	97
45) 1,2-Dichloropropane	9.37	63	11094	4.530	ug/l	100
46) Dibromomethane	9.46	93	6780	4.844	ug/l	99
47) Bromodichloromethane	9.65	83	14830	4.385	ug/l	95
48) Methyl methacrylate	9.44	41	5374	4.050	ug/l	92
49) 1,4-Dioxane	9.50	88	2027	94.707	ug/l	99
51) 4-Methyl-2-Pentanone	10.22	43	30698	21.844	ug/l	100
52) Toluene	10.39	92	32773	4.759	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	13465	4.012	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	16638	4.310	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	9557	4.868	ug/l	96
56) Ethyl methacrylate	10.65	69	9757	4.082	ug/l	92
57) 1,3-Dichloropropane	10.93	76	16070	4.960	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	25809	27.175	ug/l	99
59) 2-Hexanone	10.98	43	20506	20.523	ug/l	95
60) Dibromochloromethane	11.13	129	10390	4.269	ug/l	99
61) 1,2-Dibromoethane	11.24	107	9349	4.769	ug/l	99
64) Tetrachloroethene	10.87	164	14839	5.001	ug/l	98
65) Chlorobenzene	11.66	112	38598	4.748	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	12996	4.512	ug/l	99
67) Ethyl Benzene	11.74	91	61940	4.421	ug/l	96
68) m/p-Xylenes	11.85	106	49545	8.930	ug/l	100
69) o-Xylene	12.17	106	23168	4.379	ug/l	100
70) Styrene	12.19	104	36912	4.286	ug/l	99
71) Bromoform	12.35	173	6517	4.090	ug/l #	98
73) Isopropylbenzene	12.47	105	63719	4.367	ug/l	99
74) N-amyl acetate	12.28	43	10808	3.881	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	10506	4.733	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	8488m	5.271	ug/l	
77) Bromobenzene	12.76	156	17324	4.817	ug/l	97
78) n-propylbenzene	12.81	91	72651	4.292	ug/l	100
79) 2-Chlorotoluene	12.90	91	42971	4.515	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	52028	4.236	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	2078	3.188	ug/l #	80
82) 4-Chlorotoluene	12.99	91	45093	4.505	ug/l	100
83) tert-Butylbenzene	13.21	119	46627	4.241	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	54099	4.339	ug/l	99
85) sec-Butylbenzene	13.39	105	66050	4.265	ug/l	100
86) p-Isopropyltoluene	13.51	119	60061	4.284	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	33701	4.709	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	33971	4.771	ug/l	94
89) n-Butylbenzene	13.83	91	52492	4.105	ug/l	99
90) Hexachloroethane	14.10	117	9348	3.956	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	31162	4.880	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1651	4.216	ug/l	94

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	22481	4.572	ug/l	98
94) Hexachlorobutadiene	15.25	225	14466	4.714	ug/l	100
95) Naphthalene	15.38	128	33479	4.110	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	20126	4.726	ug/l	98

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

