

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004307.D
 Acq On : 29 Jul 2018 11:46
 Operator : SY/AP
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

apatel
 7/30/2018 10:32:18 AM

Quant Time: Jul 30 01:37:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 30 01:27:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	187976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	279689	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	250850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	139204	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	9704	5.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.24%	
35) Dibromofluoromethane	7.89	113	9229	5.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.44%	
50) Toluene-d8	10.33	98	35277	5.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.10%	
62) 4-Bromofluorobenzene	12.62	95	12286	5.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	2653	3.98	ug/l	95
3) Chloromethane	2.21	50	6847	6.49	ug/l	91
4) Vinyl Chloride	2.36	62	11070	6.10	ug/l	99
5) Bromomethane	2.78	94	7856	6.55	ug/l	85
6) Chloroethane	2.92	64	7530	6.61	ug/l	96
7) Trichlorofluoromethane	3.25	101	7937	7.31	ug/l	94
8) Diethyl Ether	3.68	74	7670	8.06	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	13923	7.40	ug/l	99
10) Methyl Iodide	4.26	142	19388	6.88	ug/l	99
11) Tert butyl alcohol	5.18	59	6110	43.92	ug/l #	81
12) 1,1-Dichloroethene	4.03	96	14067	7.48	ug/l	92
13) Acrolein	3.89	56	5116	41.49	ug/l	96
14) Allyl chloride	4.66	41	21715	7.18	ug/l	98
15) Acrylonitrile	5.37	53	15244	35.68	ug/l	98
16) Acetone	4.12	43	17180	39.54	ug/l	95
17) Carbon Disulfide	4.37	76	40202	6.91	ug/l	100
18) Methyl Acetate	4.67	43	9905	8.86	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	21631	6.46	ug/l	96
20) Methylene Chloride	4.91	84	16653	8.23	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	14340	7.15	ug/l	92
22) Diisopropyl ether	6.31	45	32477	5.71	ug/l #	87
23) Vinyl Acetate	6.26	43	89835	27.20	ug/l	100
24) 1,1-Dichloroethane	6.21	63	26163	7.14	ug/l	96
25) 2-Butanone	7.17	43	10723	20.36	ug/l	100
26) 2,2-Dichloropropane	7.17	77	11497	5.41	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	9744	4.77	ug/l	94
28) Bromochloromethane	7.51	49	6657	5.18	ug/l #	82
29) Tetrahydrofuran	7.53	42	6781	20.12	ug/l	91
30) Chloroform	7.68	83	17752	5.07	ug/l	89
31) Cyclohexane	7.96	56	16025	4.95	ug/l #	74
32) 1,1,1-Trichloroethane	7.87	97	15166	5.27	ug/l	99
36) 1,1-Dichloropropene	8.08	75	13427	4.80	ug/l	95
37) Ethyl Acetate	7.26	43	4953	4.32	ug/l	98
38) Carbon Tetrachloride	8.07	117	14509	5.25	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	16080	4.77	ug/l	88
40) Benzene	8.32	78	38722	4.92	ug/l	99
41) Methacrylonitrile	7.48	41	2305	3.48	ug/l #	74
42) 1,2-Dichloroethane	8.40	62	11965	5.32	ug/l	97
43) Isopropyl Acetate	8.43	43	8775	4.25	ug/l	94
44) Trichloroethene	9.10	130	11321	5.33	ug/l	85
45) 1,2-Dichloropropane	9.37	63	9317	4.77	ug/l	98
46) Dibromomethane	9.46	93	4932	4.95	ug/l	94
47) Bromodichloromethane	9.65	83	12954	5.12	ug/l #	98
48) Methyl methacrylate	9.44	41	4289	4.08	ug/l	87
49) 1,4-Dioxane	9.45	88	1340	88.63	ug/l #	90
51) 4-Methyl-2-Pentanone	10.21	43	22594	19.92	ug/l	97
52) Toluene	10.39	92	24808	5.02	ug/l	96
53) t-1,3-Dichloropropene	10.61	75	12376	4.88	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	13644	4.62	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	7107	5.00	ug/l #	92
56) Ethyl methacrylate	10.65	69	7003	4.07	ug/l	98
57) 1,3-Dichloropropane	10.94	76	11919	4.92	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.93	63	15157	19.84	ug/l	94
59) 2-Hexanone	10.98	43	15775	20.26	ug/l	98
60) Dibromochloromethane	11.13	129	8433	4.96	ug/l	100
61) 1,2-Dibromoethane	11.24	107	7032	5.19	ug/l	94
64) Tetrachloroethene	10.87	164	10572	5.75	ug/l	94
65) Chlorobenzene	11.66	112	27255	5.17	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	9603	5.17	ug/l	99
67) Ethyl Benzene	11.74	91	45517	4.96	ug/l	100
68) m/p-Xylenes	11.85	106	33890	9.59	ug/l	95
69) o-Xylene	12.17	106	16077	4.92	ug/l	97
70) Styrene	12.19	104	27025	4.90	ug/l	96
71) Bromoform	12.36	173	5495	5.28	ug/l #	98
73) Isopropylbenzene	12.47	105	45367	4.70	ug/l	99
74) N-amyl acetate	12.28	43	8259	3.95	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	7818	4.62	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	6567m	3.10	ug/l	
77) Bromobenzene	12.76	156	12009	5.15	ug/l	92
78) n-propylbenzene	12.81	91	55260	4.70	ug/l	98
79) 2-Chlorotoluene	12.90	91	33459	4.97	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	40033	4.81	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	2374	4.35	ug/l	99
82) 4-Chlorotoluene	12.99	91	34513	4.85	ug/l	99
83) tert-Butylbenzene	13.21	119	32850	4.74	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	40897	4.82	ug/l	98
85) sec-Butylbenzene	13.40	105	46906	4.64	ug/l	95
86) p-Isopropyltoluene	13.51	119	42970	4.73	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	24723	5.30	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	24633	5.29	ug/l	95
89) n-Butylbenzene	13.83	91	40299	4.75	ug/l	97
90) Hexachloroethane	14.10	117	7954	4.91	ug/l	91
91) 1,2-Dichlorobenzene	13.88	146	22138	5.30	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1449	4.91	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	14809	5.05	ug/l	97
94) Hexachlorobutadiene	15.25	225	9538	5.32	ug/l	98
95) Naphthalene	15.38	128	22899	4.54	ug/l	97
96) 1,2,3-Trichlorobenzene	15.57	180	13058	5.09	ug/l	99

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

