

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004314.D
 Acq On : 29 Jul 2018 14:47
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW073018

Manual Integrations
 APPROVED

apatel
 7/30/2018 10:32:48 AM

Quant Time: Jul 30 04:42:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 30 02:37:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	180176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	262941	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	232210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	127116	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	87165	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
35) Dibromofluoromethane	7.88	113	82316	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
50) Toluene-d8	10.33	98	325380	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
62) 4-Bromofluorobenzene	12.62	95	118557	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	47566	70.94	ug/l	100
3) Chloromethane	2.21	50	72543	81.88	ug/l	97
4) Vinyl Chloride	2.36	62	108317	76.20	ug/l	100
5) Bromomethane	2.78	94	83090	84.88	ug/l	99
6) Chloroethane	2.92	64	73443	74.49	ug/l	96
7) Trichlorofluoromethane	3.25	101	51729	53.91	ug/l	99
8) Diethyl Ether	3.67	74	56811	79.62	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	76698	45.48	ug/l	93
10) Methyl Iodide	4.26	142	128959	49.30	ug/l	99
11) Tert butyl alcohol	5.17	59	30048	251.05	ug/l	100
12) 1,1-Dichloroethene	4.03	96	80109	46.67	ug/l	96
13) Acrolein	3.89	56	23755	213.80	ug/l	97
14) Allyl chloride	4.66	41	113556	39.33	ug/l	91
15) Acrylonitrile	5.36	53	85393	212.40	ug/l	98
16) Acetone	4.12	43	90359	207.81	ug/l	96
17) Carbon Disulfide	4.37	76	242360	44.47	ug/l	100
18) Methyl Acetate	4.67	43	40206	39.95	ug/l #	90
19) Methyl tert-butyl Ether	5.42	73	156137	48.88	ug/l	95
20) Methylene Chloride	4.91	84	81140	46.51	ug/l	86
21) trans-1,2-Dichloroethene	5.42	96	85589	46.54	ug/l	92
22) Diisopropyl ether	6.32	45	216589	39.70	ug/l #	93
23) Vinyl Acetate	6.26	43	668694	211.26	ug/l #	94
24) 1,1-Dichloroethane	6.21	63	144494	43.26	ug/l	99
25) 2-Butanone	7.17	43	107687	213.34	ug/l	92
26) 2,2-Dichloropropane	7.17	77	91785	45.03	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	92815	47.43	ug/l	95
28) Bromochloromethane	7.51	49	44555	36.18	ug/l #	76
29) Tetrahydrofuran	7.53	42	67648	194.78	ug/l #	88
30) Chloroform	7.68	83	156719	46.70	ug/l	99
31) Cyclohexane	7.95	56	125507	40.45	ug/l	91
32) 1,1,1-Trichloroethane	7.87	97	131905	47.86	ug/l	97
36) 1,1-Dichloropropene	8.09	75	123898	47.10	ug/l	97
37) Ethyl Acetate	7.26	43	47929	44.46	ug/l #	97
38) Carbon Tetrachloride	8.07	117	129799	49.97	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	152230	48.03	ug/l	94
40) Benzene	8.32	78	343393	46.41	ug/l	99
41) Methacrylonitrile	7.49	41	29389	41.94	ug/l	92
42) 1,2-Dichloroethane	8.40	62	104068	49.19	ug/l	99
43) Isopropyl Acetate	8.43	43	92275	47.50	ug/l	97
44) Trichloroethene	9.09	130	100704	50.41	ug/l	96
45) 1,2-Dichloropropane	9.37	63	78510	42.76	ug/l	94
46) Dibromomethane	9.46	93	44864	47.85	ug/l	92
47) Bromodichloromethane	9.65	83	116404	48.95	ug/l	99
48) Methyl methacrylate	9.44	41	45255	45.74	ug/l	88
49) 1,4-Dioxane	9.45	88	15539	1093.20	ug/l	87
51) 4-Methyl-2-Pentanone	10.21	43	234204	219.66	ug/l	95
52) Toluene	10.39	92	227174	48.90	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	118743	49.85	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	135664	48.85	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	64492	48.27	ug/l	92
56) Ethyl methacrylate	10.65	69	83478	51.64	ug/l	93
57) 1,3-Dichloropropane	10.94	76	107122	47.06	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	168317	234.37	ug/l	91
59) 2-Hexanone	10.98	43	159592	217.99	ug/l	92
60) Dibromochloromethane	11.13	129	81020	50.68	ug/l	100
61) 1,2-Dibromoethane	11.24	107	63186	49.60	ug/l	99
64) Tetrachloroethene	10.87	164	87561	51.47	ug/l	96
65) Chlorobenzene	11.66	112	246647	50.57	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	90195	52.44	ug/l	97
67) Ethyl Benzene	11.74	91	421316	49.56	ug/l	98
68) m/p-Xylenes	11.85	106	335132	102.45	ug/l	98
69) o-Xylene	12.17	106	152509	50.46	ug/l	98
70) Styrene	12.19	104	263945	51.69	ug/l	99
71) Bromoform	12.35	173	52956	54.93	ug/l #	99
73) Isopropylbenzene	12.47	105	439719	49.89	ug/l	98
74) N-amyl acetate	12.28	43	82234	39.42	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.72	83	71293	46.17	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	49752m	42.89	ug/l	
77) Bromobenzene	12.76	156	109373	51.36	ug/l	91
78) n-propylbenzene	12.81	91	533094	49.65	ug/l	97
79) 2-Chlorotoluene	12.90	91	296672	48.31	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	386667	50.92	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	23487	47.11	ug/l	97
82) 4-Chlorotoluene	12.99	91	325668	50.11	ug/l	99
83) tert-Butylbenzene	13.21	119	323055	51.07	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	398069	51.40	ug/l	99
85) sec-Butylbenzene	13.39	105	474364	51.34	ug/l	99
86) p-Isopropyltoluene	13.51	119	427650	51.53	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	218447	51.25	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	216182	50.83	ug/l	97
89) n-Butylbenzene	13.83	91	378362	48.82	ug/l	98
90) Hexachloroethane	14.10	117	72959	49.29	ug/l	92
91) 1,2-Dichlorobenzene	13.88	146	192818	50.53	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	13795	51.18	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	144821	54.05	ug/l	100
94) Hexachlorobutadiene	15.24	225	86236	52.68	ug/l	97
95) Naphthalene	15.38	128	254667	55.25	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	125612	53.58	ug/l	99

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

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