

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070218\
 Data File : VW003681.D
 Acq On : 02 Jul 2018 17:24
 Operator : SY/AP
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

apatel
 7/3/2018 10:16:40 AM

Quant Time: Jul 03 02:38:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 02:27:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	244523	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	384747	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	357833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	191906	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	56145	20.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.54%	
35) Dibromofluoromethane	7.88	113	49078	20.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.40%	
50) Toluene-d8	10.33	98	191271	19.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.80%	
62) 4-Bromofluorobenzene	12.62	95	67711	19.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	18916	23.07	ug/l	98
3) Chloromethane	2.20	50	36169	18.98	ug/l	99
4) Vinyl Chloride	2.36	62	48565	17.63	ug/l	100
5) Bromomethane	2.78	94	32762	18.00	ug/l	97
6) Chloroethane	2.92	64	30373	16.21	ug/l	93
7) Trichlorofluoromethane	3.25	101	27911	17.39	ug/l	99
8) Diethyl Ether	3.67	74	25148	20.61	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	46154	20.09	ug/l	100
10) Methyl Iodide	4.26	142	65173	18.80	ug/l	99
11) Tert butyl alcohol	5.23	59	17270	117.63	ug/l #	84
12) 1,1-Dichloroethene	4.02	96	44614	19.73	ug/l	95
13) Acrolein	3.89	56	11165	62.05	ug/l	91
14) Allyl chloride	4.66	41	75242	19.32	ug/l	99
15) Acrylonitrile	5.37	53	57443	112.32	ug/l	99
16) Acetone	4.14	43	64733	112.52	ug/l	94
17) Carbon Disulfide	4.37	76	121221	17.92	ug/l	99
18) Methyl Acetate	4.67	43	28100	21.01	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	87492	20.64	ug/l	96
20) Methylene Chloride	4.92	84	56090	20.07	ug/l	94
21) trans-1,2-Dichloroethene	5.41	96	48360	19.60	ug/l	99
22) Diisopropyl ether	6.31	45	163034	20.73	ug/l	98
23) Vinyl Acetate	6.26	43	481509	104.77	ug/l	99
24) 1,1-Dichloroethane	6.21	63	95166	20.39	ug/l	99
25) 2-Butanone	7.18	43	85139	118.06	ug/l	100
26) 2,2-Dichloropropane	7.17	77	60125	19.65	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	54869	20.43	ug/l	100
28) Bromochloromethane	7.51	49	44063	22.74	ug/l	99
29) Tetrahydrofuran	7.54	42	49328	111.51	ug/l	99
30) Chloroform	7.67	83	98714	20.84	ug/l	98
31) Cyclohexane	7.95	56	80214	18.34	ug/l	91
32) 1,1,1-Trichloroethane	7.87	97	76584	19.75	ug/l	99
36) 1,1-Dichloropropene	8.08	75	75560	19.96	ug/l	99
37) Ethyl Acetate	7.26	43	36703	22.87	ug/l	99
38) Carbon Tetrachloride	8.07	117	71341	19.38	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	81415	18.54	ug/l	95
40) Benzene	8.32	78	211861	20.30	ug/l	98
41) Methacrylonitrile	7.49	41	21511	22.13	ug/l	95
42) 1,2-Dichloroethane	8.40	62	67129	20.55	ug/l	99
43) Isopropyl Acetate	8.43	43	66823	21.21	ug/l	99
44) Trichloroethene	9.09	130	53877	19.65	ug/l	100
45) 1,2-Dichloropropane	9.37	63	56054	21.10	ug/l	97
46) Dibromomethane	9.46	93	28938	21.19	ug/l	99
47) Bromodichloromethane	9.65	83	70805	20.34	ug/l	99
48) Methyl methacrylate	9.44	41	32476	21.86	ug/l	99
49) 1,4-Dioxane	9.48	88	8048	389.46	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	178577	110.51	ug/l	98
52) Toluene	10.39	92	132176	19.79	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	72267	20.27	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	82024	20.18	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	40460	21.03	ug/l	98
56) Ethyl methacrylate	10.65	69	48328	20.55	ug/l	99
57) 1,3-Dichloropropane	10.93	76	71245	21.43	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	112413	108.43	ug/l	99
59) 2-Hexanone	10.98	43	131926	116.62	ug/l	97
60) Dibromochloromethane	11.13	129	46748	20.56	ug/l	99
61) 1,2-Dibromoethane	11.24	107	38055	20.91	ug/l	99
64) Tetrachloroethene	10.87	164	46674	19.34	ug/l	97
65) Chlorobenzene	11.66	112	148913	19.81	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	52885	20.05	ug/l	99
67) Ethyl Benzene	11.74	91	258655	19.39	ug/l	99
68) m/p-Xylenes	11.85	106	199491	39.35	ug/l	100
69) o-Xylene	12.17	106	91172	19.47	ug/l	100
70) Styrene	12.19	104	156689	20.00	ug/l	99
71) Bromoform	12.35	173	27770	20.17	ug/l #	98
73) Isopropylbenzene	12.47	105	254079	18.96	ug/l	100
74) N-amyl acetate	12.28	43	64136	20.54	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	49337	21.32	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	33004m	19.86	ug/l	
77) Bromobenzene	12.75	156	61251	19.54	ug/l	98
78) n-propylbenzene	12.81	91	317566	19.30	ug/l	100
79) 2-Chlorotoluene	12.90	91	179529	19.30	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	218039	19.37	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	15490	21.17	ug/l	96
82) 4-Chlorotoluene	12.99	91	193987	19.67	ug/l	98
83) tert-Butylbenzene	13.21	119	185077	19.31	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	228603	19.69	ug/l	99
85) sec-Butylbenzene	13.39	105	278168	19.51	ug/l	100
86) p-Isopropyltoluene	13.51	119	239304	19.07	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	126475	19.70	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	126917	19.88	ug/l	98
89) n-Butylbenzene	13.84	91	238831	19.48	ug/l	98
90) Hexachloroethane	14.10	117	44586	19.61	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	112851	20.03	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8330	21.37	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	80328	20.30	ug/l	100
94) Hexachlorobutadiene	15.25	225	46926	19.87	ug/l	99
95) Naphthalene	15.38	128	139760	20.57	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	71198	20.40	ug/l	99

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

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