

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070718\
 Data File : VW003749.D
 Acq On : 06 Jul 2018 23:40
 Operator : SY/AP
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
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apatel
 7/9/2018 9:50:50 AM

Quant Time: Jul 07 04:04:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 03:50:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	217130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	345015	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	326882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	178291	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	55291	21.02	ug/l	0.00
Spiked Amount			Recovery	=	42.04%	
35) Dibromofluoromethane	7.88	113	47320	20.83	ug/l	0.00
Spiked Amount			Recovery	=	41.66%	
50) Toluene-d8	10.33	98	183744	20.65	ug/l	0.00
Spiked Amount			Recovery	=	41.30%	
62) 4-Bromofluorobenzene	12.62	95	67094	20.98	ug/l	0.00
Spiked Amount			Recovery	=	41.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	21383	20.50	ug/l	93
3) Chloromethane	2.20	50	43447	24.86	ug/l	96
4) Vinyl Chloride	2.36	62	58112	24.43	ug/l	98
5) Bromomethane	2.78	94	39630	25.04	ug/l	99
6) Chloroethane	2.91	64	34524	24.16	ug/l	96
7) Trichlorofluoromethane	3.24	101	22159	18.18	ug/l	96
8) Diethyl Ether	3.67	74	25585	22.51	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.04	101	46257	22.06	ug/l	99
10) Methyl Iodide	4.26	142	65706	21.37	ug/l	98
11) Tert butyl alcohol	5.23	59	15557	96.25	ug/l #	90
12) 1,1-Dichloroethene	4.03	96	44980	21.59	ug/l	99
13) Acrolein	3.89	56	22228	211.69	ug/l	100
14) Allyl chloride	4.65	41	74455	20.87	ug/l	99
15) Acrylonitrile	5.38	53	56200	102.27	ug/l	99
16) Acetone	4.14	43	48974	80.21	ug/l	98
17) Carbon Disulfide	4.37	76	144718	23.13	ug/l	98
18) Methyl Acetate	4.68	43	28289	18.66	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	84774	20.51	ug/l	100
20) Methylene Chloride	4.90	84	57080	20.19	ug/l	96
21) trans-1,2-Dichloroethene	5.41	96	50341	21.93	ug/l	96
22) Diisopropyl ether	6.31	45	161711	21.85	ug/l	99
23) Vinyl Acetate	6.26	43	485389	107.62	ug/l	100
24) 1,1-Dichloroethane	6.21	63	95480	21.71	ug/l	99
25) 2-Butanone	7.18	43	75244	93.99	ug/l	97
26) 2,2-Dichloropropane	7.16	77	52900	19.97	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	54625	21.78	ug/l	98
28) Bromochloromethane	7.51	49	43643	22.71	ug/l	99
29) Tetrahydrofuran	7.54	42	49001	100.96	ug/l	98
30) Chloroform	7.68	83	98114	22.03	ug/l	98
31) Cyclohexane	7.95	56	83546	21.00	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	75441	21.83	ug/l	98
36) 1,1-Dichloropropene	8.08	75	77411	22.16	ug/l	100
37) Ethyl Acetate	7.26	43	35587	20.75	ug/l	99
38) Carbon Tetrachloride	8.07	117	73204	22.04	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	83916	20.98	ug/l	99
40) Benzene	8.32	78	217774	22.11	ug/l	100
41) Methacrylonitrile	7.49	41	21587	22.06	ug/l	94
42) 1,2-Dichloroethane	8.40	62	69691	22.32	ug/l	99
43) Isopropyl Acetate	8.43	43	66889	20.62	ug/l	99
44) Trichloroethene	9.09	130	54999	21.64	ug/l	95
45) 1,2-Dichloropropane	9.37	63	56522	22.06	ug/l	100
46) Dibromomethane	9.46	93	29367	21.97	ug/l	99
47) Bromodichloromethane	9.65	83	71881	21.85	ug/l	99
48) Methyl methacrylate	9.44	41	31885	20.68	ug/l	98
49) 1,4-Dioxane	9.48	88	8580	412.05	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	177465	103.51	ug/l	100
52) Toluene	10.39	92	135762	22.12	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	71263	20.94	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	81293	21.13	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	40634	21.62	ug/l	95
56) Ethyl methacrylate	10.65	69	47752	20.17	ug/l	98
57) 1,3-Dichloropropane	10.94	76	70768	21.64	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	103324	98.26	ug/l	99
59) 2-Hexanone	10.98	43	119535	97.96	ug/l	99
60) Dibromochloromethane	11.13	129	47218	21.45	ug/l	100
61) 1,2-Dibromoethane	11.24	107	38052	21.08	ug/l	97
64) Tetrachloroethene	10.87	164	50789	22.57	ug/l	99
65) Chlorobenzene	11.66	112	149346	21.54	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	51914	21.45	ug/l	99
67) Ethyl Benzene	11.74	91	255502	21.10	ug/l	100
68) m/p-Xylenes	11.85	106	202411	43.87	ug/l	100
69) o-Xylene	12.17	106	90869	21.26	ug/l	99
70) Styrene	12.19	104	156564	21.80	ug/l	99
71) Bromoform	12.35	173	27955	20.62	ug/l #	100
73) Isopropylbenzene	12.47	105	249361	20.52	ug/l	99
74) N-amyl acetate	12.28	43	65766	20.27	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	50227	20.88	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	34300m	21.26	ug/l	
77) Bromobenzene	12.76	156	60761	20.81	ug/l	98
78) n-propylbenzene	12.81	91	315584	21.01	ug/l	100
79) 2-Chlorotoluene	12.90	91	177537	20.78	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	217375	21.09	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	13691	18.06	ug/l	95
82) 4-Chlorotoluene	12.99	91	196599	21.57	ug/l	100
83) tert-Butylbenzene	13.21	119	177216	20.42	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	228680	21.56	ug/l	99
85) sec-Butylbenzene	13.39	105	267364	20.75	ug/l	99
86) p-Isopropyltoluene	13.51	119	235231	20.84	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	124666	20.99	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	124059	20.89	ug/l	98
89) n-Butylbenzene	13.83	91	230646	20.71	ug/l	98
90) Hexachloroethane	14.10	117	43782	20.85	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	114123	21.45	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8353	19.87	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	75510	20.19	ug/l	99
94) Hexachlorobutadiene	15.24	225	43151	20.11	ug/l	97
95) Naphthalene	15.38	128	132878	19.45	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	67775	20.26	ug/l	99

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

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