

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042818\
 Data File : VX001226.D
 Acq On : 28 Apr 2018 20:38
 Operator : JC/MD
 Sample : J2547-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW102-180423MSD

Manual Integrations
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apatel
 5/1/2018 7:45:32 PM

Quant Time: Apr 30 03:17:03 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	199411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	266638	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	261884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	179978	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	132472	42.86	ug/l	0.00
Spiked Amount			Recovery	=	85.72%	
35) Dibromofluoromethane	5.51	113	109393	49.57	ug/l	0.00
Spiked Amount			Recovery	=	99.14%	
50) Toluene-d8	8.72	98	406162	48.77	ug/l	0.00
Spiked Amount			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	11.14	95	159436	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	99162	47.42	ug/l	100
3) Chloromethane	1.32	50	91764	41.90	ug/l	98
4) Vinyl Chloride	1.40	62	119570	51.46	ug/l	99
5) Bromomethane	1.64	94	71877	50.60	ug/l	100
6) Chloroethane	1.72	64	71335	48.77	ug/l	98
7) Trichlorofluoromethane	1.93	101	193112	51.46	ug/l	99
8) Diethyl Ether	2.19	74	69066	47.87	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	105714	51.13	ug/l	99
10) Methyl Iodide	2.51	142	154684	68.78	ug/l	99
11) Tert butyl alcohol	3.09	59	176486	289.53	ug/l	99
12) 1,1-Dichloroethene	2.37	96	93554	46.39	ug/l	98
13) Acrolein	2.30	56	46542	201.97	ug/l	100
14) Allyl chloride	2.73	41	186587	50.72	ug/l	99
15) Acrylonitrile	3.16	53	312840	240.33	ug/l	99
16) Acetone	2.45	43	341914	268.98	ug/l	97
17) Carbon Disulfide	2.57	76	255813	49.72	ug/l	100
18) Methyl Acetate	2.78	43	162648	51.13	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	359313	48.40	ug/l	99
20) Methylene Chloride	2.86	84	110619	46.73	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	102164	45.83	ug/l	99
22) Diisopropyl ether	3.88	45	340296	46.23	ug/l	95
23) Vinyl Acetate	3.83	43	1435568	229.91	ug/l	100
24) 1,1-Dichloroethane	3.70	63	185905	48.06	ug/l	99
25) 2-Butanone	4.72	43	452918	238.13	ug/l	100
26) 2,2-Dichloropropane	4.59	77	126369	41.50	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	123502	50.60	ug/l	98
28) Bromochloromethane	5.03	49	90608	52.24	ug/l	97
29) Tetrahydrofuran	5.18	42	283237	231.61	ug/l	99
30) Chloroform	5.22	83	202022	49.11	ug/l	100
31) Cyclohexane	5.58	56	159011	48.38	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	176336	49.66	ug/l	99
36) 1,1-Dichloropropene	5.81	75	144982	49.34	ug/l	100
37) Ethyl Acetate	4.87	43	167167	47.51	ug/l	99
38) Carbon Tetrachloride	5.79	117	159814	53.04	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	163478	50.27	ug/l	96
40) Benzene	6.15	78	441351	51.92	ug/l	98
41) Methacrylonitrile	5.07	41	90395	45.72	ug/l	99
42) 1,2-Dichloroethane	6.21	62	172548	50.38	ug/l	99
43) Isopropyl Acetate	6.48	43	273429	49.48	ug/l	100
44) Trichloroethene	7.22	130	129605	51.18	ug/l	98
45) 1,2-Dichloropropane	7.52	63	112497	50.32	ug/l	100
46) Dibromomethane	7.67	93	80068	51.72	ug/l	98
47) Bromodichloromethane	7.91	83	149437	53.13	ug/l	100
48) Methyl methacrylate	7.79	41	123856	42.17	ug/l	99
49) 1,4-Dioxane	7.76	88	62734	1066.75	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	950688	261.90	ug/l	99
52) Toluene	8.79	92	285228	51.32	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	169852	51.94	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	160339	45.48	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	119535	50.83	ug/l	98
56) Ethyl methacrylate	9.19	69	148403	42.59	ug/l	98
57) 1,3-Dichloropropane	9.38	76	193478	50.86	ug/l	99
59) 2-Hexanone	9.51	43	746288	262.39	ug/l	100
60) Dibromochloromethane	9.59	129	131348	47.96	ug/l	100
61) 1,2-Dibromoethane	9.68	107	127981	51.95	ug/l	100
64) Tetrachloroethene	9.34	164	132160	47.28	ug/l	99
65) Chlorobenzene	10.15	112	674109	98.25	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	126732	53.39	ug/l	100
67) Ethyl Benzene	10.26	91	555807	49.86	ug/l	99
68) m/p-Xylenes	10.37	106	421247	95.58	ug/l	100
69) o-Xylene	10.71	106	210605	49.27	ug/l	99
70) Stvrene	10.72	104	133340	18.74	ug/l #	83
71) Bromoform	10.87	173	108722	44.18	ug/l	99
73) Isopropylbenzene	11.02	105	575233	49.04	ug/l	100
74) N-amyl acetate	6.48	43	273429	46.26	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	190438	48.93	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	178161m	48.61	ug/l	
77) Bromobenzene	11.26	156	172108	49.48	ug/l	99
78) n-propylbenzene	11.37	91	653895	49.99	ug/l	100
79) 2-Chlorotoluene	11.43	91	399153	49.23	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	434759	43.77	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	36983	33.93	ug/l	95
82) 4-Chlorotoluene	11.52	91	469177	48.68	ug/l	98
83) tert-Butylbenzene	11.77	119	502652	50.71	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	367692	36.02	ug/l	100
85) sec-Butylbenzene	11.95	105	578498	49.96	ug/l	100
86) p-Isopropyltoluene	12.07	119	503592	46.76	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	316762	50.72	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	328289	50.45	ug/l	100
89) n-Butylbenzene	12.39	91	461748	49.53	ug/l	99
90) Hexachloroethane	12.60	117	81701	47.21	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	322347	51.07	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	43414	50.54	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	240732	48.65	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	107974	46.42	ug/l	100
95) Naphthalene	13.84	128	672653	48.79	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	241033	48.95	ug/l	99

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

