

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
 Data File : VX003092.D
 Acq On : 30 Jun 2018 21:09
 Operator : JC/MD
 Sample : J3716-05MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0037MS

Manual Integrations
 APPROVED

apatel
 7/2/2018 4:20:08 PM

Quant Time: Jul 02 04:28:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	268816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	375641	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	356276	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	224608	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	181439	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
35) Dibromofluoromethane	5.51	113	149448	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
50) Toluene-d8	8.72	98	524901	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
62) 4-Bromofluorobenzene	11.14	95	208895	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	140731	58.69	ug/l	99
3) Chloromethane	1.32	50	135579	54.51	ug/l	99
4) Vinyl Chloride	1.40	62	155020	50.99	ug/l	92
5) Bromomethane	1.64	94	58866	40.99	ug/l	97
6) Chloroethane	1.72	64	97223	54.71	ug/l	100
7) Trichlorofluoromethane	1.93	101	243704	47.52	ug/l	100
8) Diethyl Ether	2.19	74	92287	49.50	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	138480	46.61	ug/l	97
10) Methyl Iodide	2.51	142	142833	47.72	ug/l	98
11) Tert butyl alcohol	3.08	59	165078	223.03	ug/l	99
12) 1,1-Dichloroethene	2.37	96	127550	48.11	ug/l	96
13) Acrolein	2.30	56	56100	138.63	ug/l	100
14) Allyl chloride	2.73	41	245086	46.90	ug/l	96
15) Acrylonitrile	3.15	53	400129	253.09	ug/l	99
16) Acetone	2.45	43	355616	231.11	ug/l	97
17) Carbon Disulfide	2.57	76	329861	46.70	ug/l	98
18) Methyl Acetate	2.78	43	175545	40.80	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	465589	48.85	ug/l	100
20) Methylene Chloride	2.86	84	144730	48.33	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	136094	47.13	ug/l	96
22) Diisopropyl ether	3.88	45	501841	50.24	ug/l	98
23) Vinyl Acetate	3.83	43	1986651	234.86	ug/l	99
24) 1,1-Dichloroethane	3.70	63	261993	48.25	ug/l	99
25) 2-Butanone	4.71	43	585905	256.57	ug/l	96
26) 2,2-Dichloropropane	4.59	77	163295	36.99	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	165031	50.97	ug/l	93
28) Bromochloromethane	5.03	49	131594	50.64	ug/l	92
29) Tetrahydrofuran	5.17	42	374451	255.70	ug/l	96
30) Chloroform	5.22	83	279999	50.25	ug/l	99
31) Cyclohexane	5.58	56	325641	69.89	ug/l	92
32) 1,1,1-Trichloroethane	5.50	97	247928	50.57	ug/l	99
36) 1,1-Dichloropropene	5.81	75	196401	47.68	ug/l	98
37) Ethyl Acetate	4.87	43	208876	47.09	ug/l	99
38) Carbon Tetrachloride	5.79	117	220917	48.87	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	322353	67.18	ug/l	96
40) Benzene	6.15	78	595188	49.73	ug/l	100
41) Methacrylonitrile	5.07	41	131732	51.58	ug/l	97
42) 1,2-Dichloroethane	6.20	62	228307	47.22	ug/l	98
43) Isopropyl Acetate	6.47	43	349307	46.96	ug/l	98
44) Trichloroethene	7.22	130	173641	48.66	ug/l	99
45) 1,2-Dichloropropane	7.52	63	154484	48.66	ug/l	99
46) Dibromomethane	7.66	93	108446	49.22	ug/l	96
47) Bromodichloromethane	7.90	83	205642	50.48	ug/l	98
48) Methyl methacrylate	7.78	41	196456	51.26	ug/l	97
49) 1,4-Dioxane	7.76	88	66886	896.95	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1193619	256.47	ug/l	98
52) Toluene	8.79	92	383716	50.04	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	227269	49.27	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	215447	48.54	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	159024	50.47	ug/l	96
56) Ethyl methacrylate	9.18	69	243246	52.82	ug/l	95
57) 1,3-Dichloropropane	9.38	76	260312	50.30	ug/l	100
59) 2-Hexanone	9.50	43	902522	255.16	ug/l	96
60) Dibromochloromethane	9.59	129	171698	51.77	ug/l	100
61) 1,2-Dibromoethane	9.68	107	167849	50.79	ug/l	99
64) Tetrachloroethene	9.34	164	183345	46.28	ug/l	99
65) Chlorobenzene	10.14	112	445222	49.20	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	166542	50.66	ug/l	99
67) Ethyl Benzene	10.26	91	1012389	67.72	ug/l	99
68) m/p-Xylenes	10.37	106	1141178	198.08	ug/l	98
69) o-Xylene	10.70	106	290847	51.85	ug/l	97
70) Styrene	10.71	104	476432	52.27	ug/l	99
71) Bromoform	10.86	173	136407	46.24	ug/l	98
73) Isopropylbenzene	11.02	105	1024694	67.82	ug/l	100
74) N-amyl acetate	6.47	43	349307	47.25	ug/l	# 98
75) 1,1,2,2-Tetrachloroethane	11.27	83	240774	51.73	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	230973m	56.77	ug/l	
77) Bromobenzene	11.26	156	216170	50.24	ug/l	97
78) n-propylbenzene	11.37	91	1119071	65.06	ug/l	99
79) 2-Chlorotoluene	11.43	91	641005	61.56	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	1035117	81.34	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	57973	41.93	ug/l	99
82) 4-Chlorotoluene	11.51	91	652754	52.95	ug/l	98
83) tert-Butylbenzene	11.77	119	664908	53.01	ug/l	94
84) 1,2,4-Trimethylbenzene	11.81	105	1766370	133.96	ug/l	97
85) sec-Butylbenzene	11.95	105	775027	50.94	ug/l	99
86) p-Isopropyltoluene	12.07	119	701409	51.27	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	391698	49.84	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	397339	49.13	ug/l	99
89) n-Butylbenzene	12.39	91	586573	49.27	ug/l	98
90) Hexachloroethane	12.60	117	103878	51.05	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	397933	50.17	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	54110	51.71	ug/l	94
93) 1,2,4-Trichlorobenzene	13.65	180	288015	49.89	ug/l	99

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QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	137279	47.68	ug/l	99
95) Naphthalene	13.84	128	987634	64.23	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	297553	51.60	ug/l	99

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

