

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062118\
 Data File : VX002806.D
 Acq On : 22 Jun 2018 00:01
 Operator : JC/MD
 Sample : VX0621WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBS02

Manual Integrations
 APPROVED

apatel
 6/22/2018 1:59:50 PM

Quant Time: Jun 22 02:35:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	236074	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	335320	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	319443	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	197063	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	160238	44.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.34%	
35) Dibromofluoromethane	5.51	113	126921	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	
50) Toluene-d8	8.72	98	447896	44.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.16%	
62) 4-Bromofluorobenzene	11.14	95	170955	44.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	47910	19.12	ug/l	99
3) Chloromethane	1.32	50	50351	16.89	ug/l	100
4) Vinyl Chloride	1.40	62	55714	18.01	ug/l	99
5) Bromomethane	1.64	94	27110	14.52	ug/l	97
6) Chloroethane	1.72	64	36215	17.76	ug/l	100
7) Trichlorofluoromethane	1.93	101	95373	18.98	ug/l	98
8) Diethyl Ether	2.19	74	34045	17.81	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53320	18.98	ug/l	100
10) Methyl Iodide	2.51	142	49353	16.85	ug/l	99
11) Tert butyl alcohol	3.08	59	72020	97.11	ug/l	97
12) 1,1-Dichloroethene	2.37	96	46660	17.69	ug/l	97
13) Acrolein	2.29	56	27389	83.48	ug/l	97
14) Allyl chloride	2.73	41	91948	17.56	ug/l	100
15) Acrylonitrile	3.15	53	151027	93.32	ug/l	100
16) Acetone	2.45	43	146628	92.64	ug/l	99
17) Carbon Disulfide	2.57	76	119465	19.10	ug/l	99
18) Methyl Acetate	2.78	43	92864	22.02	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	175729	17.76	ug/l	98
20) Methylene Chloride	2.86	84	54604	16.83	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	50427	17.62	ug/l	99
22) Diisopropyl ether	3.88	45	178409	18.83	ug/l	97
23) Vinyl Acetate	3.83	43	717333	90.45	ug/l	99
24) 1,1-Dichloroethane	3.70	63	100351	19.51	ug/l	99
25) 2-Butanone	4.71	43	213123	102.53	ug/l	100
26) 2,2-Dichloropropane	4.59	77	51932	14.05	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	56478	19.40	ug/l	96
28) Bromochloromethane	5.03	49	42360	17.59	ug/l	96
29) Tetrahydrofuran	5.17	42	136378	100.11	ug/l	97
30) Chloroform	5.22	83	99260	20.01	ug/l	96
31) Cyclohexane	5.57	56	79613	18.80	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	86279	20.80	ug/l	99
36) 1,1-Dichloropropene	5.80	75	69091	19.40	ug/l	98
37) Ethyl Acetate	4.87	43	79535	19.73	ug/l	99
38) Carbon Tetrachloride	5.78	117	75928	21.41	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	78698	18.90	ug/l	98
40) Benzene	6.15	78	207947	19.47	ug/l	100
41) Methacrylonitrile	5.07	41	45315	19.91	ug/l	97
42) 1,2-Dichloroethane	6.20	62	83893	20.29	ug/l	99
43) Isopropyl Acetate	6.47	43	126203	18.90	ug/l	99
44) Trichloroethene	7.22	130	60566	19.65	ug/l	98
45) 1,2-Dichloropropane	7.52	63	54800	19.50	ug/l	98
46) Dibromomethane	7.67	93	38969	20.73	ug/l	99
47) Bromodichloromethane	7.90	83	69872	21.07	ug/l	98
48) Methyl methacrylate	7.78	41	66710	19.55	ug/l	97
49) 1,4-Dioxane	7.76	88	28022	433.58	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	435096	101.47	ug/l	99
52) Toluene	8.79	92	135235	19.85	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	75735	18.82	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	68680	18.56	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	56256	20.44	ug/l	99
56) Ethyl methacrylate	9.18	69	80872	19.09	ug/l	98
57) 1,3-Dichloropropane	9.38	76	91429	19.64	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	165657	80.86	ug/l	98
59) 2-Hexanone	9.50	43	331642	102.64	ug/l	99
60) Dibromochloromethane	9.59	129	56206	20.55	ug/l	100
61) 1,2-Dibromoethane	9.68	107	58079	20.37	ug/l	99
64) Tetrachloroethene	9.34	164	71530	20.17	ug/l	96
65) Chlorobenzene	10.14	112	156808	19.99	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	56418	21.09	ug/l	99
67) Ethyl Benzene	10.26	91	258305	19.52	ug/l	99
68) m/p-Xylenes	10.36	106	199576	39.10	ug/l	100
69) o-Xylene	10.70	106	97295	19.40	ug/l	99
70) Styrene	10.71	104	162568	19.71	ug/l	99
71) Bromoform	10.86	173	43100	20.83	ug/l #	99
73) Isopropylbenzene	11.02	105	267698	20.31	ug/l	100
74) N-amyl acetate	6.47	43	126203	19.27	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	82073	21.09	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	81803m	22.00	ug/l	
77) Bromobenzene	11.26	156	75582	20.58	ug/l	96
78) n-propylbenzene	11.37	91	299226	19.80	ug/l	99
79) 2-Chlorotoluene	11.43	91	182423	20.21	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	222249	19.95	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	17512	17.99	ug/l	88
82) 4-Chlorotoluene	11.51	91	212482	19.95	ug/l	99
83) tert-Butylbenzene	11.77	119	215562	20.09	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	228220	20.08	ug/l	98
85) sec-Butylbenzene	11.95	105	264511	19.83	ug/l	100
86) p-Isopropyltoluene	12.07	119	235472	19.51	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	133835	19.88	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	134302	19.60	ug/l	99
89) n-Butylbenzene	12.39	91	197090	18.51	ug/l	99
90) Hexachloroethane	12.60	117	32977	19.23	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	134537	19.85	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18323	22.48	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	94947	19.30	ug/l	100
94) Hexachlorobutadiene	13.79	225	49230	19.00	ug/l	99
95) Naphthalene	13.84	128	271453	20.51	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	99508	20.14	ug/l	99

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

