

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062118\
 Data File : VX002807.D
 Acq On : 22 Jun 2018 00:28
 Operator : JC/MD
 Sample : VX0621WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBSD02

Manual Integrations
 APPROVED

apatel
 6/22/2018 1:59:54 PM

Quant Time: Jun 22 02:36:44 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	236559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	337369	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	323383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196666	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	158583	44.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.22%	
35) Dibromofluoromethane	5.51	113	125742	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
50) Toluene-d8	8.72	98	447991	43.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.64%	
62) 4-Bromofluorobenzene	11.14	95	170132	43.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	50322	20.04	ug/l	100
3) Chloromethane	1.32	50	52933	17.72	ug/l	99
4) Vinyl Chloride	1.40	62	59023	19.04	ug/l	98
5) Bromomethane	1.64	94	26757	14.31	ug/l	100
6) Chloroethane	1.72	64	37628	18.42	ug/l	99
7) Trichlorofluoromethane	1.93	101	98844	19.63	ug/l	100
8) Diethyl Ether	2.19	74	35916	18.75	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	55497	19.71	ug/l	99
10) Methyl Iodide	2.51	142	54230	17.98	ug/l	99
11) Tert butyl alcohol	3.08	59	81352	109.47	ug/l	100
12) 1,1-Dichloroethene	2.37	96	49966	18.90	ug/l	97
13) Acrolein	2.29	56	29190	88.35	ug/l	99
14) Allyl chloride	2.73	41	97512	18.58	ug/l	98
15) Acrylonitrile	3.15	53	162710	100.34	ug/l	100
16) Acetone	2.45	43	159244	100.41	ug/l	99
17) Carbon Disulfide	2.57	76	124806	19.91	ug/l	98
18) Methyl Acetate	2.78	43	95038	22.49	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	186694	18.83	ug/l	99
20) Methylene Chloride	2.86	84	57073	17.55	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	53780	18.75	ug/l	97
22) Diisopropyl ether	3.87	45	185979	19.59	ug/l	93
23) Vinyl Acetate	3.83	43	767885	96.62	ug/l	98
24) 1,1-Dichloroethane	3.70	63	104117	20.20	ug/l	99
25) 2-Butanone	4.71	43	229697	110.28	ug/l	99
26) 2,2-Dichloropropane	4.59	77	53760	14.52	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	59598	20.43	ug/l	98
28) Bromochloromethane	5.03	49	44267	18.34	ug/l	95
29) Tetrahydrofuran	5.17	42	146109	107.04	ug/l	96
30) Chloroform	5.22	83	103822	20.89	ug/l	98
31) Cyclohexane	5.57	56	84430	19.90	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	89657	21.57	ug/l	99
36) 1,1-Dichloropropene	5.80	75	72866	20.34	ug/l	97
37) Ethyl Acetate	4.87	43	87384	21.55	ug/l	99
38) Carbon Tetrachloride	5.79	117	80786	22.64	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	83026	19.82	ug/l	97
40) Benzene	6.15	78	223140	20.77	ug/l	100
41) Methacrylonitrile	5.07	41	49197	21.49	ug/l	99
42) 1,2-Dichloroethane	6.20	62	88754	21.34	ug/l	100
43) Isopropyl Acetate	6.47	43	136260	20.28	ug/l	100
44) Trichloroethene	7.21	130	65129	21.00	ug/l	95
45) 1,2-Dichloropropane	7.52	63	59169	20.93	ug/l	98
46) Dibromomethane	7.67	93	41684	22.04	ug/l	99
47) Bromodichloromethane	7.90	83	74522	22.34	ug/l	99
48) Methyl methacrylate	7.78	41	71504	20.82	ug/l	98
49) 1,4-Dioxane	7.76	88	30373	467.10	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	473306	109.71	ug/l	100
52) Toluene	8.79	92	140877	20.56	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	79427	19.52	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	72401	19.29	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	59783	21.59	ug/l	97
56) Ethyl methacrylate	9.18	69	86729	20.35	ug/l	98
57) 1,3-Dichloropropane	9.38	76	96169	20.53	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	170870	82.90	ug/l	98
59) 2-Hexanone	9.50	43	360378	110.85	ug/l	99
60) Dibromochloromethane	9.59	129	59646	21.47	ug/l	99
61) 1,2-Dibromoethane	9.68	107	62247	21.70	ug/l	100
64) Tetrachloroethene	9.34	164	74883	20.86	ug/l	97
65) Chlorobenzene	10.14	112	166004	20.90	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	60418	22.31	ug/l	99
67) Ethyl Benzene	10.26	91	275159	20.54	ug/l	98
68) m/p-Xylenes	10.36	106	213960	41.41	ug/l	100
69) o-Xylene	10.70	106	102393	20.17	ug/l	100
70) Styrene	10.71	104	172047	20.61	ug/l	99
71) Bromoform	10.86	173	45130	21.38	ug/l	99
73) Isopropylbenzene	11.02	105	282792	21.50	ug/l	99
74) N-amyl acetate	6.47	43	136260	20.85	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	88756	22.85	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	87231m	23.51	ug/l	
77) Bromobenzene	11.26	156	79667	21.74	ug/l	97
78) n-propylbenzene	11.37	91	313517	20.78	ug/l	99
79) 2-Chlorotoluene	11.43	91	191376	21.25	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	235438	21.18	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	19307	19.44	ug/l	92
82) 4-Chlorotoluene	11.51	91	224034	21.08	ug/l	99
83) tert-Butylbenzene	11.77	119	228184	21.31	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	242612	21.39	ug/l	99
85) sec-Butylbenzene	11.95	105	278554	20.92	ug/l	99
86) p-Isopropyltoluene	12.07	119	247502	20.54	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	142164	21.16	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	144892	21.19	ug/l	99
89) n-Butylbenzene	12.39	91	208014	19.57	ug/l	99
90) Hexachloroethane	12.60	117	36479	21.03	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	144518	21.37	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19084	23.46	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	100789	20.53	ug/l	100
94) Hexachlorobutadiene	13.79	225	51666	19.98	ug/l	99
95) Naphthalene	13.84	128	292624	22.15	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	105348	21.37	ug/l	99

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

