

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062220\
 Data File : VX016925.D
 Acq On : 22 Jun 2020 17:21
 Operator : JC/SP
 Sample : VX0622WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/23/2020 11:03:17 AM

Quant Time: Jun 23 08:07:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	386191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	585298	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	475406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	241920	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	218726	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	
35) Dibromofluoromethane	5.46	113	180090	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
50) Toluene-d8	8.70	98	665609	44.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.86%	
62) 4-Bromofluorobenzene	11.12	95	227006	39.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	84143	17.754	ug/l	99
3) Chloromethane	1.31	50	84979	17.683	ug/l	99
4) Vinyl Chloride	1.39	62	96254	17.771	ug/l	99
5) Bromomethane	1.63	94	54322	16.657	ug/l	99
6) Chloroethane	1.72	64	56675	16.990	ug/l	99
7) Trichlorofluoromethane	1.92	101	126784	16.733	ug/l	100
8) Diethyl Ether	2.17	74	52781	17.916	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	71186	17.638	ug/l	96
10) Methyl Iodide	2.49	142	39462	10.271	ug/l	95
11) Tert butyl alcohol	3.01	59	73484	93.589	ug/l	99
12) 1,1-Dichloroethene	2.36	96	71289	17.274	ug/l	97
13) Acrolein	2.27	56	66128	138.909	ug/l	99
14) Allyl chloride	2.70	41	104705	19.180	ug/l	94
15) Acrylonitrile	3.11	53	177874	98.856	ug/l	98
16) Acetone	2.42	43	149155	88.462	ug/l	98
17) Carbon Disulfide	2.55	76	176475	16.546	ug/l	99
18) Methyl Acetate	2.75	43	89766	20.937	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	222004	18.876	ug/l	97
20) Methylene Chloride	2.84	84	70776	17.504	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	67296	17.275	ug/l	97
22) Diisopropyl ether	3.82	45	208994	19.982	ug/l	94
23) Vinyl Acetate	3.78	43	858407	99.532	ug/l	98
24) 1,1-Dichloroethane	3.67	63	120613	18.461	ug/l	99
25) 2-Butanone	4.63	43	229383	98.851	ug/l	98
26) 2,2-Dichloropropane	4.55	77	105822	17.289	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	78135	17.845	ug/l	99
28) Bromochloromethane	4.98	49	50853	18.754	ug/l	92
29) Tetrahydrofuran	5.09	42	150933	103.277	ug/l	96
30) Chloroform	5.18	83	128027	18.562	ug/l	97
31) Cyclohexane	5.55	56	131433	22.883	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	130059	19.923	ug/l	98
36) 1,1-Dichloropropene	5.77	75	108493	20.076	ug/l	98
37) Ethyl Acetate	4.79	43	93628	19.608	ug/l	99
38) Carbon Tetrachloride	5.75	117	112368	18.531	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	127965	20.364	ug/l	99
40) Benzene	6.11	78	339952	20.964	ug/l	100
41) Methacrylonitrile	5.00	41	51060	19.697	ug/l	97
42) 1,2-Dichloroethane	6.16	62	117023	20.280	ug/l	100
43) Isopropyl Acetate	6.41	43	181643	21.784	ug/l	98
44) Trichloroethene	7.19	130	90979	18.320	ug/l	95
45) 1,2-Dichloropropane	7.49	63	84497	20.728	ug/l	95
46) Dibromomethane	7.63	93	55907	20.223	ug/l	97
47) Bromodichloromethane	7.87	83	116114	19.749	ug/l	100
48) Methyl methacrylate	7.74	41	85941	21.887	ug/l	97
49) 1,4-Dioxane	7.71	88	39203	446.023	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	554110	110.485	ug/l	98
52) Toluene	8.76	92	207915	19.328	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	121302	18.766	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	144613	20.913	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	72355	17.815	ug/l	99
56) Ethyl methacrylate	9.16	69	107098	18.215	ug/l	99
57) 1,3-Dichloropropane	9.35	76	120206	17.458	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	289391	105.776	ug/l	98
59) 2-Hexanone	9.47	43	334854	92.199	ug/l	100
60) Dibromochloromethane	9.56	129	81408	16.708	ug/l	100
61) 1,2-Dibromoethane	9.65	107	75232	17.068	ug/l	98
64) Tetrachloroethene	9.32	164	77037	17.499	ug/l	99
65) Chlorobenzene	10.12	112	192925	20.040	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	73927	19.814	ug/l	98
67) Ethyl Benzene	10.24	91	336444	20.713	ug/l	99
68) m/p-Xylenes	10.34	106	258670	40.925	ug/l	99
69) o-Xylene	10.68	106	123353	21.106	ug/l	98
70) Styrene	10.70	104	214439	21.595	ug/l	99
71) Bromoform	10.84	173	62067	19.786	ug/l	100
73) Isopropylbenzene	11.00	105	339152	21.774	ug/l	100
74) N-amyl acetate	10.88	43	139226	25.598	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	97823	22.241	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	97769m	22.128	ug/l	
77) Bromobenzene	11.24	156	87043	20.490	ug/l	96
78) n-propylbenzene	11.34	91	373491	21.486	ug/l	100
79) 2-Chlorotoluene	11.40	91	223231	20.989	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	284497	21.169	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	36303	20.121	ug/l	99
82) 4-Chlorotoluene	11.49	91	266674	20.900	ug/l	99
83) tert-Butylbenzene	11.76	119	272926	20.525	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	290941	21.016	ug/l	99
85) sec-Butylbenzene	11.93	105	321090	20.792	ug/l	99
86) p-Isopropyltoluene	12.05	119	300340	21.226	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	153873	19.827	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	155724	19.840	ug/l	99
89) n-Butylbenzene	12.37	91	251101	20.695	ug/l	100
90) Hexachloroethane	12.58	117	52082	20.434	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	148874	19.870	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	21947	21.045	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	108957	21.657	ug/l	100
94) Hexachlorobutadiene	13.77	225	45716	20.137	ug/l	98
95) Naphthalene	13.82	128	332821	22.533	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	123525	24.620	ug/l	100

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

