

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062220\
 Data File : VX016924.D
 Acq On : 22 Jun 2020 16:56
 Operator : JC/SP
 Sample : VX0622WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBS01

Manual Integrations
 APPROVED

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

Quant Time: Jun 23 08:06:26 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	411377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	538178	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	582301	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	253944	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	208648	42.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.34%	
35) Dibromofluoromethane	5.46	113	183760	53.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.76%	
50) Toluene-d8	8.70	98	611669	44.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.82%	
62) 4-Bromofluorobenzene	11.12	95	231429	43.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.70%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	89710	17.770	ug/l	99
3) Chloromethane	1.31	50	92623	18.094	ug/l	100
4) Vinyl Chloride	1.39	62	102413	17.751	ug/l	98
5) Bromomethane	1.63	94	57882	16.662	ug/l	98
6) Chloroethane	1.72	64	60181	16.936	ug/l	98
7) Trichlorofluoromethane	1.92	101	134008	16.603	ug/l	97
8) Diethyl Ether	2.17	74	54741	17.444	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	78299	18.213	ug/l	97
10) Methyl Iodide	2.49	142	41384	10.111	ug/l	97
11) Tert butyl alcohol	3.00	59	71683	85.705	ug/l	99
12) 1,1-Dichloroethene	2.36	96	79160	18.007	ug/l	96
13) Acrolein	2.27	56	66300	130.744	ug/l	99
14) Allyl chloride	2.70	41	109654	18.857	ug/l	94
15) Acrylonitrile	3.11	53	174887	91.246	ug/l	99
16) Acetone	2.42	43	162153	90.283	ug/l	97
17) Carbon Disulfide	2.55	76	201563	17.742	ug/l	100
18) Methyl Acetate	2.75	43	88568	19.393	ug/l	99
19) Methyl tert-butyl Ether	3.16	73	225492	17.999	ug/l	98
20) Methylene Chloride	2.83	84	73740	17.121	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	72493	17.469	ug/l	98
22) Diisopropyl ether	3.82	45	216864	19.465	ug/l	98
23) Vinyl Acetate	3.78	43	870666	94.773	ug/l	99
24) 1,1-Dichloroethane	3.67	63	126235	18.139	ug/l	100
25) 2-Butanone	4.63	43	275105	111.297	ug/l	94
26) 2,2-Dichloropropane	4.55	77	126655	19.425	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	92810	19.899	ug/l	98
28) Bromochloromethane	4.98	49	64298	22.261	ug/l	88
29) Tetrahydrofuran	5.09	42	179852	115.531	ug/l	94
30) Chloroform	5.17	83	146667	19.962	ug/l	96
31) Cyclohexane	5.54	56	137720	22.510	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	136237	19.592	ug/l	98
36) 1,1-Dichloropropene	5.77	75	111739	22.487	ug/l	98
37) Ethyl Acetate	4.78	43	111741	25.450	ug/l	98
38) Carbon Tetrachloride	5.76	117	114373	20.513	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	115675	20.020	ug/l	97
40) Benzene	6.11	78	310546	20.828	ug/l	99
41) Methacrylonitrile	5.00	41	62009	26.015	ug/l	96
42) 1,2-Dichloroethane	6.16	62	103302	19.470	ug/l	99
43) Isopropyl Acetate	6.40	43	149887	19.549	ug/l	99
44) Trichloroethene	7.18	130	84771	18.564	ug/l	95
45) 1,2-Dichloropropane	7.49	63	74036	19.752	ug/l	99
46) Dibromomethane	7.63	93	48098	18.922	ug/l	98
47) Bromodichloromethane	7.87	83	101677	18.807	ug/l	99
48) Methyl methacrylate	7.74	41	71843	19.899	ug/l	98
49) 1,4-Dioxane	7.71	88	32823	406.132	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	444522	96.395	ug/l	100
52) Toluene	8.76	92	185469	18.751	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	115276	19.396	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	123311	19.394	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	73214	19.604	ug/l	99
56) Ethyl methacrylate	9.16	69	109982	20.343	ug/l	99
57) 1,3-Dichloropropane	9.35	76	123448	19.499	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	247595	98.423	ug/l	97
59) 2-Hexanone	9.47	43	403454	120.813	ug/l	98
60) Dibromochloromethane	9.56	129	96943	21.639	ug/l	99
61) 1,2-Dibromoethane	9.65	107	90835	22.412	ug/l	100
64) Tetrachloroethene	9.32	164	81108	15.042	ug/l	97
65) Chlorobenzene	10.12	112	229240	19.441	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	88704	19.410	ug/l	99
67) Ethyl Benzene	10.23	91	410005	20.608	ug/l	100
68) m/p-Xylenes	10.34	106	323203	41.748	ug/l	99
69) o-Xylene	10.68	106	146918	20.524	ug/l	96
70) Styrene	10.70	104	243796	20.044	ug/l	99
71) Bromoform	10.84	173	62232	16.197	ug/l #	100
73) Isopropylbenzene	11.00	105	347681	21.265	ug/l	100
74) N-amyl acetate	10.88	43	131687	23.065	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	98119	21.252	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	99109m	21.370	ug/l	
77) Bromobenzene	11.24	156	90667	20.333	ug/l	98
78) n-propylbenzene	11.34	91	389374	21.339	ug/l	100
79) 2-Chlorotoluene	11.40	91	231189	20.708	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	290220	20.573	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	36244	19.137	ug/l	98
82) 4-Chlorotoluene	11.49	91	272000	20.308	ug/l	99
83) tert-Butylbenzene	11.76	119	278971	19.987	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	294052	20.235	ug/l	97
85) sec-Butylbenzene	11.93	105	324243	20.002	ug/l	99
86) p-Isopropyltoluene	12.05	119	311986	21.006	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	161481	19.822	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	161572	19.611	ug/l	99
89) n-Butylbenzene	12.37	91	259508	20.375	ug/l	100
90) Hexachloroethane	12.58	117	54189	20.254	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	152364	19.373	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	24950	22.792	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	125837	23.828	ug/l	99
94) Hexachlorobutadiene	13.77	225	54394	22.825	ug/l	96
95) Naphthalene	13.82	128	386390	24.921	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	117050	22.225	ug/l	99

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

