

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050420\
 Data File : VX016038.D
 Acq On : 04 May 2020 16:22
 Operator : JC/SP
 Sample : VX0504WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/5/2020 11:35:32 AM

Quant Time: May 05 07:51:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:11:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	307763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	486979	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	450665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	225268	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	190401	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	
35) Dibromofluoromethane	5.46	113	141870	45.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.96%	
50) Toluene-d8	8.70	98	553939	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
62) 4-Bromofluorobenzene	11.12	95	208943	46.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	59492	18.263	ug/l	100
3) Chloromethane	1.32	50	67199	17.763	ug/l	97
4) Vinyl Chloride	1.39	62	71281	17.660	ug/l	98
5) Bromomethane	1.63	94	50468	24.802	ug/l	98
6) Chloroethane	1.71	64	47031	19.151	ug/l	100
7) Trichlorofluoromethane	1.92	101	98821	18.649	ug/l	97
8) Diethyl Ether	2.17	74	43203	19.350	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	57303	18.744	ug/l	99
10) Methyl Iodide	2.49	142	72316	17.610	ug/l	100
11) Tert butyl alcohol	3.01	59	97989	95.683	ug/l	99
12) 1,1-Dichloroethene	2.36	96	55831	17.451	ug/l	94
13) Acrolein	2.27	56	56095	87.532	ug/l	100
14) Allyl chloride	2.70	41	105130	17.922	ug/l	98
15) Acrylonitrile	3.11	53	193657	91.154	ug/l	100
16) Acetone	2.42	43	169846	93.993	ug/l	99
17) Carbon Disulfide	2.55	76	174413	18.022	ug/l	100
18) Methyl Acetate	2.75	43	81965	18.448	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	210185	19.058	ug/l	100
20) Methylene Chloride	2.83	84	65662	17.627	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	62094	17.417	ug/l	99
22) Diisopropyl ether	3.82	45	204659	18.494	ug/l	94
23) Vinyl Acetate	3.78	43	926931	95.206	ug/l	100
24) 1,1-Dichloroethane	3.67	63	113831	18.388	ug/l	99
25) 2-Butanone	4.64	43	274259	94.188	ug/l	98
26) 2,2-Dichloropropane	4.55	77	99143	17.537	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	70553	18.102	ug/l	99
28) Bromochloromethane	4.98	49	53915	19.100	ug/l	99
29) Tetrahydrofuran	5.09	42	179640	93.108	ug/l	100
30) Chloroform	5.18	83	112982	18.330	ug/l	99
31) Cyclohexane	5.55	56	102301	18.183	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	102207	18.242	ug/l	99
36) 1,1-Dichloropropene	5.77	75	86872	18.122	ug/l	98
37) Ethyl Acetate	4.79	43	106105	19.098	ug/l	100
38) Carbon Tetrachloride	5.75	117	89050	18.276	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	104708	18.138	ug/l	99
40) Benzene	6.11	78	255526	18.218	ug/l	98
41) Methacrylonitrile	5.00	41	56070	18.687	ug/l	99
42) 1,2-Dichloroethane	6.17	62	96277	19.055	ug/l	99
43) Isopropyl Acetate	6.41	43	169107	19.076	ug/l	99
44) Trichloroethene	7.19	130	91523	18.367	ug/l	98
45) 1,2-Dichloropropane	7.49	63	66051	18.611	ug/l	98
46) Dibromomethane	7.64	93	44886	18.611	ug/l	99
47) Bromodichloromethane	7.88	83	90602	18.445	ug/l	100
48) Methyl methacrylate	7.74	41	79316	18.882	ug/l	99
49) 1,4-Dioxane	7.71	88	38035	377.547	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	522261	96.275	ug/l	99
52) Toluene	8.76	92	161250	18.444	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	108658	18.553	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	112376	18.370	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	64654	18.797	ug/l	99
56) Ethyl methacrylate	9.16	69	106514	18.971	ug/l	99
57) 1,3-Dichloropropane	9.35	76	112028	18.666	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	285511	95.518	ug/l	100
59) 2-Hexanone	9.47	43	403822	94.791	ug/l	99
60) Dibromochloromethane	9.57	129	70653	18.650	ug/l	100
61) 1,2-Dibromoethane	9.65	107	70387	18.892	ug/l	98
64) Tetrachloroethene	9.32	164	102382	18.506	ug/l	98
65) Chlorobenzene	10.12	112	171653	18.190	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	64380	18.459	ug/l	99
67) Ethyl Benzene	10.24	91	310844	18.462	ug/l	99
68) m/p-Xylenes	10.34	106	234102	37.111	ug/l	100
69) o-Xylene	10.68	106	112590	18.568	ug/l	99
70) Styrene	10.70	104	188154	18.290	ug/l	99
71) Bromoform	10.84	173	51216	18.024	ug/l #	98
73) Isopropylbenzene	11.00	105	301318	18.390	ug/l	99
74) N-amyl acetate	10.88	43	144593	18.920	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	53121	18.272	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	95420m	18.666	ug/l	
77) Bromobenzene	11.24	156	75147	17.769	ug/l	98
78) n-propylbenzene	11.35	91	342998	17.995	ug/l	100
79) 2-Chlorotoluene	11.40	91	202604	18.007	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	254927	18.428	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	39605	18.463	ug/l	98
82) 4-Chlorotoluene	11.49	91	241477	18.175	ug/l	99
83) tert-Butylbenzene	11.76	119	214770	18.014	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	252150	18.029	ug/l	100
85) sec-Butylbenzene	11.93	105	291361	18.100	ug/l	100
86) p-Isopropyltoluene	12.05	119	268850	17.989	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	135616	17.859	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	137650	17.860	ug/l	99
89) n-Butylbenzene	12.37	91	241135	17.661	ug/l	99
90) Hexachloroethane	12.58	117	45500	17.727	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	130670	17.871	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	23924	17.757	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	98493	18.194	ug/l	98
94) Hexachlorobutadiene	13.77	225	42880	18.726	ug/l	98
95) Naphthalene	13.82	128	319291	18.215	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	94030	17.773	ug/l	99

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

