

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110620\
 Data File : VX019302.D
 Acq On : 05 Nov 2020 10:48
 Operator : JC/MD
 Sample : VX1106WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBS02

Manual Integrations
 APPROVED

MMDadoda
 11/6/2020 9:24:04 AM

Quant Time: Nov 06 01:18:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	252928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	425627	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	380996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	190681	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	165708	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
35) Dibromofluoromethane	5.46	113	130044	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
50) Toluene-d8	8.70	98	496402	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
62) 4-Bromofluorobenzene	11.12	95	185433	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	41854	19.850	ug/l	98
3) Chloromethane	1.31	50	47797	20.290	ug/l	97
4) Vinyl Chloride	1.39	62	56177	20.563	ug/l	100
5) Bromomethane	1.64	94	39191	21.006	ug/l	99
6) Chloroethane	1.72	64	37083	21.260	ug/l	96
7) Trichlorofluoromethane	1.92	101	86617	20.181	ug/l	96
8) Diethyl Ether	2.17	74	33723	20.473	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	48740	20.488	ug/l	98
10) Methyl Iodide	2.49	142	41416	19.246	ug/l	100
11) Tert butyl alcohol	3.01	59	62117	96.417	ug/l	99
12) 1,1-Dichloroethene	2.36	96	46638	19.025	ug/l	98
13) Acrolein	2.27	56	20850	76.396	ug/l	99
14) Allyl chloride	2.71	41	75151	20.240	ug/l	99
15) Acrylonitrile	3.11	53	136517	100.839	ug/l	99
16) Acetone	2.42	43	120530	107.112	ug/l	99
17) Carbon Disulfide	2.55	76	127834	18.776	ug/l	100
18) Methyl Acetate	2.75	43	57627	21.060	ug/l	97
19) Methyl tert-butyl Ether	3.16	73	169924	20.006	ug/l	99
20) Methylene Chloride	2.83	84	55854	19.771	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	53991	19.137	ug/l	96
22) Diisopropyl ether	3.82	45	157747	21.310	ug/l	91
23) Vinyl Acetate	3.78	43	682952	103.460	ug/l	98
24) 1,1-Dichloroethane	3.67	63	96405	20.859	ug/l	99
25) 2-Butanone	4.63	43	182679	103.009	ug/l	96
26) 2,2-Dichloropropane	4.54	77	86702	19.955	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	61337	19.455	ug/l	97
28) Bromochloromethane	4.98	49	43854	20.872	ug/l	92
29) Tetrahydrofuran	5.09	42	114323	102.293	ug/l	97
30) Chloroform	5.17	83	100975	20.526	ug/l	99
31) Cyclohexane	5.54	56	83542	20.262	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	88576	19.859	ug/l	98
36) 1,1-Dichloropropene	5.76	75	76302	19.414	ug/l	98
37) Ethyl Acetate	4.79	43	72386	19.836	ug/l	99
38) Carbon Tetrachloride	5.75	117	76545	19.107	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	91053	19.375	ug/l	96
40) Benzene	6.11	78	224294	20.127	ug/l	100
41) Methacrylonitrile	4.99	41	38007	19.340	ug/l	98
42) 1,2-Dichloroethane	6.16	62	82233	20.023	ug/l	100
43) Isopropyl Acetate	6.40	43	118524	19.397	ug/l	99
44) Trichloroethene	7.18	130	59536	18.655	ug/l	90
45) 1,2-Dichloropropane	7.49	63	56116	20.559	ug/l	97
46) Dibromomethane	7.63	93	38887	19.267	ug/l	95
47) Bromodichloromethane	7.87	83	77037	19.364	ug/l	98
48) Methyl methacrylate	7.74	41	56542	19.226	ug/l	99
49) 1,4-Dioxane	7.72	88	24047	367.669	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	355249	101.155	ug/l	99
52) Toluene	8.76	92	141020	19.648	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	82834	18.229	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	91343	19.116	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	55852	19.695	ug/l	97
56) Ethyl methacrylate	9.16	69	81677	19.068	ug/l	96
57) 1,3-Dichloropropane	9.35	76	95229	19.917	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	222557	92.905	ug/l	96
59) 2-Hexanone	9.47	43	271236	101.461	ug/l	99
60) Dibromochloromethane	9.56	129	56943	18.502	ug/l	99
61) 1,2-Dibromoethane	9.65	107	58534	19.302	ug/l	98
64) Tetrachloroethene	9.32	164	55702	19.189	ug/l	97
65) Chlorobenzene	10.12	112	147238	18.908	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	52572	18.753	ug/l	98
67) Ethyl Benzene	10.23	91	268453	19.346	ug/l	99
68) m/p-Xylenes	10.34	106	199858	38.376	ug/l	97
69) o-Xylene	10.68	106	94365	19.103	ug/l	99
70) Styrene	10.70	104	160971	19.099	ug/l	99
71) Bromoform	10.84	173	39299	17.681	ug/l #	99
73) Isopropylbenzene	11.00	105	261790	19.396	ug/l	98
74) N-amyl acetate	10.88	43	94225	19.093	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	82714	19.608	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	79184m	20.112	ug/l	
77) Bromobenzene	11.24	156	61941	18.491	ug/l	94
78) n-propylbenzene	11.34	91	300176	19.482	ug/l	99
79) 2-Chlorotoluene	11.40	91	176803	19.491	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	219187	19.223	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	25371	16.967	ug/l	94
82) 4-Chlorotoluene	11.49	91	212538	19.187	ug/l	99
83) tert-Butylbenzene	11.76	119	208752	19.120	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	223350	19.402	ug/l	99
85) sec-Butylbenzene	11.93	105	251902	19.237	ug/l	99
86) p-Isopropyltoluene	12.05	119	233580	19.326	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	117181	18.784	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	116921	18.005	ug/l	98
89) n-Butylbenzene	12.37	91	212774	18.729	ug/l	99
90) Hexachloroethane	12.58	117	36602	17.817	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	112000	18.697	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18080	17.508	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	73748	16.390	ug/l	97
94) Hexachlorobutadiene	13.77	225	33127	16.725	ug/l	97
95) Naphthalene	13.82	128	234459	16.545	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	72050	16.506	ug/l	99

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

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