

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090820\
 Data File : VX018293.D
 Acq On : 08 Sep 2020 23:14
 Operator : JC/SP
 Sample : VX0908WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/9/2020 8:48:06 PM

Quant Time: Sep 09 02:56:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	403262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	630541	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	614325	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	319113	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	292236	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	
35) Dibromofluoromethane	5.47	113	222336	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
50) Toluene-d8	8.70	98	786336	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
62) 4-Bromofluorobenzene	11.12	95	314217	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	101595	20.692	ug/l	97
3) Chloromethane	1.31	50	95535	18.456	ug/l	97
4) Vinyl Chloride	1.39	62	103044	19.998	ug/l	97
5) Bromomethane	1.63	94	69295	27.881	ug/l	93
6) Chloroethane	1.72	64	62943	22.743	ug/l	99
7) Trichlorofluoromethane	1.92	101	173122	24.640	ug/l	100
8) Diethyl Ether	2.17	74	52915	22.207	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	85297	22.455	ug/l	98
10) Methyl Iodide	2.50	142	78832	22.633	ug/l	96
11) Tert butyl alcohol	3.01	59	107509	98.767	ug/l	98
12) 1,1-Dichloroethene	2.36	96	85048	21.581	ug/l	98
13) Acrolein	2.28	56	23619	52.330	ug/l	99
14) Allyl chloride	2.71	41	150264	21.223	ug/l	96
15) Acrylonitrile	3.12	53	268676	108.812	ug/l	100
16) Acetone	2.42	43	235646	108.023	ug/l	96
17) Carbon Disulfide	2.55	76	231953	19.470	ug/l	99
18) Methyl Acetate	2.75	43	135261	25.695	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	310365	22.964	ug/l	97
20) Methylene Chloride	2.84	84	101150	22.024	ug/l	91
21) trans-1,2-Dichloroethene	3.14	96	94402	21.621	ug/l	96
22) Diisopropyl ether	3.83	45	312748	22.380	ug/l	97
23) Vinyl Acetate	3.79	43	1355841	109.039	ug/l	100
24) 1,1-Dichloroethane	3.67	63	178961	22.497	ug/l	99
25) 2-Butanone	4.64	43	372377	103.867	ug/l	97
26) 2,2-Dichloropropane	4.55	77	129329	19.982	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	105925	21.056	ug/l	99
28) Bromochloromethane	4.98	49	67043	17.460	ug/l	94
29) Tetrahydrofuran	5.09	42	236041	103.426	ug/l	98
30) Chloroform	5.18	83	190447	23.121	ug/l	95
31) Cyclohexane	5.55	56	136061	20.305	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	181598	24.025	ug/l	99
36) 1,1-Dichloropropene	5.77	75	126272	21.712	ug/l	97
37) Ethyl Acetate	4.79	43	142362	21.076	ug/l	99
38) Carbon Tetrachloride	5.76	117	161956	24.711	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	133587	21.006	ug/l	98
40) Benzene	6.12	78	381418	22.320	ug/l	95
41) Methacrylonitrile	5.01	41	79576	21.456	ug/l	97
42) 1,2-Dichloroethane	6.17	62	157294	24.024	ug/l	99
43) Isopropyl Acetate	6.42	43	234581	21.501	ug/l	99
44) Trichloroethene	7.19	130	107748	22.314	ug/l	97
45) 1,2-Dichloropropane	7.49	63	101552	22.049	ug/l	95
46) Dibromomethane	7.64	93	72067	22.251	ug/l	100
47) Bromodichloromethane	7.88	83	152576	23.593	ug/l	98
48) Methyl methacrylate	7.74	41	114364	21.057	ug/l	98
49) 1,4-Dioxane	7.71	88	35372	359.545	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	753561	111.817	ug/l	99
52) Toluene	8.76	92	246185	22.719	ug/l	94
53) t-1,3-Dichloropropene	9.02	75	156539	21.840	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	166167	21.885	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	102796	22.243	ug/l	98
56) Ethyl methacrylate	9.16	69	145846	21.228	ug/l	97
57) 1,3-Dichloropropane	9.35	76	171196	22.459	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	236046	76.375	ug/l	99
59) 2-Hexanone	9.48	43	559181	109.121	ug/l	99
60) Dibromochloromethane	9.57	129	126838	23.396	ug/l	98
61) 1,2-Dibromoethane	9.65	107	110579	22.039	ug/l	99
64) Tetrachloroethene	9.32	164	102673	22.743	ug/l	97
65) Chlorobenzene	10.12	112	268951	21.920	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	107535	22.237	ug/l	95
67) Ethyl Benzene	10.24	91	454195	21.768	ug/l	99
68) m/p-Xylenes	10.34	106	352497	45.262	ug/l	99
69) o-Xylene	10.68	106	160961	21.321	ug/l	94
70) Styrene	10.70	104	284638	22.139	ug/l	98
71) Bromoform	10.84	173	94766	22.975	ug/l #	97
73) Isopropylbenzene	11.00	105	452711	21.507	ug/l	100
74) N-amyl acetate	10.88	43	195947	19.620	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	157082	21.155	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	146886m	20.692	ug/l	
77) Bromobenzene	11.24	156	125934	21.644	ug/l	95
78) n-propylbenzene	11.34	91	519782	21.748	ug/l	99
79) 2-Chlorotoluene	11.40	91	326158	22.088	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	388330	22.451	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	49919	18.992	ug/l	92
82) 4-Chlorotoluene	11.49	91	382413	21.785	ug/l	100
83) tert-Butylbenzene	11.76	119	372606	21.828	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	394435	22.304	ug/l	98
85) sec-Butylbenzene	11.93	105	432763	22.294	ug/l	100
86) p-Isopropyltoluene	12.05	119	409357	22.958	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	225761	22.100	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	228064	22.297	ug/l	97
89) n-Butylbenzene	12.37	91	351413	21.592	ug/l	99
90) Hexachloroethane	12.58	117	82454	23.503	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	217097	22.577	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	40223	21.665	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	139103	21.693	ug/l	99
94) Hexachlorobutadiene	13.76	225	60969	24.106	ug/l	96
95) Naphthalene	13.82	128	435684	20.646	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	134715	21.262	ug/l	99

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

