

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112420\
 Data File : VX019596.D
 Acq On : 24 Nov 2020 11:26
 Operator : JC/MD
 Sample : VX1124WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1124WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/25/2020 10:31:05 AM

Quant Time: Nov 25 04:43:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	288171	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	474352	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	442124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	206067	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	179961	48.16	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.32%
35) Dibromofluoromethane	5.46	113	144425	48.51	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.02%
50) Toluene-d8	8.69	98	566078	48.93	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.86%
62) 4-Bromofluorobenzene	11.12	95	207416	49.83	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.66%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	50650	18.074	ug/l 96
3) Chloromethane	1.31	50	55640	17.302	ug/l 99
4) Vinyl Chloride	1.39	62	60715	17.539	ug/l 100
5) Bromomethane	1.62	94	23875	18.209	ug/l 96
6) Chloroethane	1.69	64	39828	46.972	ug/l 97
7) Trichlorofluoromethane	1.90	101	88109	17.635	ug/l 100
8) Diethyl Ether	2.17	74	36424	18.203	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	50772	18.215	ug/l 98
10) Methyl Iodide	2.48	142	62705	17.124	ug/l 98
11) Tert butyl alcohol	3.03	59	71565	101.207	ug/l 98
12) 1,1-Dichloroethene	2.35	96	50530	17.662	ug/l 99
13) Acrolein	2.27	56	33556	70.597	ug/l 97
14) Allyl chloride	2.70	41	76019	16.961	ug/l 98
15) Acrylonitrile	3.11	53	156062	93.584	ug/l 99
16) Acetone	2.42	43	137594	95.226	ug/l 100
17) Carbon Disulfide	2.54	76	122313	15.914	ug/l 100
18) Methyl Acetate	2.75	43	64502	18.610	ug/l 99
19) Methyl tert-butyl Ether	3.17	73	184576	18.690	ug/l 100
20) Methylene Chloride	2.83	84	62768	17.380	ug/l 96
21) trans-1,2-Dichloroethene	3.14	96	57159	17.634	ug/l 96
22) Diisopropyl ether	3.82	45	170248	18.362	ug/l 98
23) Vinyl Acetate	3.78	43	723562	93.040	ug/l 100
24) 1,1-Dichloroethane	3.66	63	101487	17.896	ug/l 99
25) 2-Butanone	4.63	43	205837	94.832	ug/l 98
26) 2,2-Dichloropropane	4.54	77	88334	17.845	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	68373	18.363	ug/l 98
28) Bromochloromethane	4.97	49	47209	17.412	ug/l 99
29) Tetrahydrofuran	5.09	42	127043	91.733	ug/l 100
30) Chloroform	5.17	83	108419	18.283	ug/l 98
31) Cyclohexane	5.54	56	87129	17.929	ug/l 97
32) 1,1,1-Trichloroethane	5.45	97	92681	18.195	ug/l 100
36) 1,1-Dichloropropene	5.76	75	79246	17.820	ug/l 99
37) Ethyl Acetate	4.79	43	77351	18.528	ug/l 98
38) Carbon Tetrachloride	5.74	117	76536	17.781	ug/l 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	91663	17.703	ug/l	99
40) Benzene	6.10	78	242815	17.771	ug/l	99
41) Methacrylonitrile	5.00	41	42686	18.541	ug/l	98
42) 1,2-Dichloroethane	6.15	62	85955	18.354	ug/l	100
43) Isopropyl Acetate	6.41	43	127216	18.127	ug/l	99
44) Trichloroethene	7.18	130	65308	18.247	ug/l	94
45) 1,2-Dichloropropane	7.48	63	60978	18.128	ug/l	99
46) Dibromomethane	7.63	93	42194	18.328	ug/l	99
47) Bromodichloromethane	7.87	83	81007	18.133	ug/l	98
48) Methyl methacrylate	7.74	41	62147	18.909	ug/l	98
49) 1,4-Dioxane	7.71	88	29478	395.012	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	389766	95.242	ug/l	99
52) Toluene	8.76	92	157017	18.785	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	90701	18.799	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	100201	18.714	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	63658	18.700	ug/l	99
56) Ethyl methacrylate	9.16	69	94627	19.645	ug/l	99
57) 1,3-Dichloropropane	9.35	76	107473	18.857	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	257753	91.320	ug/l	98
59) 2-Hexanone	9.47	43	295225	95.119	ug/l	100
60) Dibromochloromethane	9.56	129	62256	18.671	ug/l	99
61) 1,2-Dibromoethane	9.65	107	65814	18.756	ug/l	99
64) Tetrachloroethene	9.32	164	55941	16.097	ug/l	96
65) Chlorobenzene	10.12	112	168888	18.579	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	59304	17.936	ug/l	99
67) Ethyl Benzene	10.23	91	298891	18.769	ug/l	99
68) m/p-Xylenes	10.34	106	225582	38.022	ug/l	99
69) o-Xylene	10.68	106	106854	18.841	ug/l	99
70) Styrene	10.70	104	176742	17.927	ug/l	99
71) Bromoform	10.84	173	41612	17.389	ug/l #	97
73) Isopropylbenzene	11.00	105	287552	20.172	ug/l	100
74) N-amyl acetate	10.88	43	104827	19.624	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	95502	18.734	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	88011m	19.571	ug/l	
77) Bromobenzene	11.24	156	70323	19.324	ug/l	99
78) n-propylbenzene	11.34	91	324374	19.835	ug/l	100
79) 2-Chlorotoluene	11.40	91	195150	19.677	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	236379	19.767	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	26980	19.065	ug/l	94
82) 4-Chlorotoluene	11.49	91	227213	19.461	ug/l	99
83) tert-Butylbenzene	11.76	119	230839	19.953	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	239692	19.810	ug/l	100
85) sec-Butylbenzene	11.93	105	262382	19.064	ug/l	100
86) p-Isopropyltoluene	12.05	119	241292	19.309	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	123293	18.448	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	123927	18.002	ug/l	98
89) n-Butylbenzene	12.37	91	202391	17.915	ug/l	99
90) Hexachloroethane	12.58	117	37759	18.058	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	122207	18.206	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18684	17.965	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	78063	18.114	ug/l	98
94) Hexachlorobutadiene	13.77	225	32532	16.571	ug/l	100
95) Naphthalene	13.82	128	251816	18.024	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	76633	17.778	ug/l	99

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

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