

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120120\
 Data File : VX019688.D
 Acq On : 01 Dec 2020 12:23
 Operator : JC/MD
 Sample : VX1201WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1201WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/2/2020 12:43:59 PM

Quant Time: Dec 02 02:21:02 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	280519	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	463796	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	410925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	193083	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	182222	50.10	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.20%
35) Dibromofluoromethane	5.46	113	146766	50.41	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.82%
50) Toluene-d8	8.70	98	563709	49.83	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.66%
62) 4-Bromofluorobenzene	11.12	95	199537	49.02	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.04%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	47506	17.415	ug/l 100
3) Chloromethane	1.31	50	53140	16.976	ug/l 97
4) Vinyl Chloride	1.39	62	59452	17.643	ug/l 99
5) Bromomethane	1.62	94	22279	17.455	ug/l 97
6) Chloroethane	1.69	64	33955	40.564	ug/l 98
7) Trichlorofluoromethane	1.90	101	84818	17.439	ug/l 99
8) Diethyl Ether	2.17	74	35568	18.260	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	49805	18.355	ug/l 99
10) Methyl Iodide	2.48	142	62778	17.611	ug/l 99
11) Tert butyl alcohol	3.04	59	78128	113.503	ug/l 98
12) 1,1-Dichloroethene	2.34	96	48789	17.519	ug/l 97
13) Acrolein	2.27	56	29102	62.897	ug/l 98
14) Allyl chloride	2.70	41	80495	18.450	ug/l 98
15) Acrylonitrile	3.12	53	163418	100.668	ug/l 99
16) Acetone	2.42	43	141567	100.648	ug/l 98
17) Carbon Disulfide	2.54	76	119621	15.988	ug/l 100
18) Methyl Acetate	2.75	43	71024	20.967	ug/l 100
19) Methyl tert-butyl Ether	3.17	73	189745	19.738	ug/l 100
20) Methylene Chloride	2.83	84	63835	18.158	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	56827	18.010	ug/l 97
22) Diisopropyl ether	3.82	45	176014	19.502	ug/l 96
23) Vinyl Acetate	3.78	43	739856	97.730	ug/l 100
24) 1,1-Dichloroethane	3.66	63	105684	19.144	ug/l 99
25) 2-Butanone	4.64	43	209924	99.353	ug/l 100
26) 2,2-Dichloropropane	4.54	77	89272	18.527	ug/l 99
27) cis-1,2-Dichloroethene	4.55	96	68787	18.978	ug/l 98
28) Bromochloromethane	4.98	49	48649	18.432	ug/l 96
29) Tetrahydrofuran	5.09	42	131846	97.798	ug/l 99
30) Chloroform	5.17	83	109892	19.037	ug/l 100
31) Cyclohexane	5.54	56	84722	17.909	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	92488	18.652	ug/l 99
36) 1,1-Dichloropropene	5.76	75	78051	17.951	ug/l 99
37) Ethyl Acetate	4.79	43	81828	20.046	ug/l 99
38) Carbon Tetrachloride	5.74	117	76841	18.258	ug/l 96

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Quant Time: Dec 02 02:21:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	90673	17.910	ug/l	98
40) Benzene	6.10	78	246868	18.479	ug/l	99
41) Methacrylonitrile	5.00	41	43249	19.213	ug/l	98
42) 1,2-Dichloroethane	6.16	62	85804	18.738	ug/l	100
43) Isopropyl Acetate	6.41	43	130864	19.071	ug/l	99
44) Trichloroethene	7.18	130	64024	18.296	ug/l	99
45) 1,2-Dichloropropane	7.48	63	62900	19.125	ug/l	99
46) Dibromomethane	7.63	93	42538	18.898	ug/l	98
47) Bromodichloromethane	7.87	83	82255	18.832	ug/l	98
48) Methyl methacrylate	7.74	41	63104	19.637	ug/l	99
49) 1,4-Dioxane	7.71	88	29699	407.032	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	395020	98.723	ug/l	99
52) Toluene	8.76	92	153729	18.810	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	87773	18.607	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	99548	19.016	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	63375	19.040	ug/l	100
56) Ethyl methacrylate	9.16	69	90471	19.209	ug/l	99
57) 1,3-Dichloropropane	9.35	76	107302	19.256	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	247123	89.547	ug/l	100
59) 2-Hexanone	9.47	43	295608	97.410	ug/l	100
60) Dibromochloromethane	9.56	129	60960	18.698	ug/l	99
61) 1,2-Dibromoethane	9.65	107	66624	19.419	ug/l	100
64) Tetrachloroethene	9.32	164	55230	17.099	ug/l	97
65) Chlorobenzene	10.12	112	159168	18.839	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	58762	19.121	ug/l	98
67) Ethyl Benzene	10.23	91	281366	19.010	ug/l	100
68) m/p-Xylenes	10.34	106	211670	38.386	ug/l	99
69) o-Xylene	10.68	106	101402	19.237	ug/l	99
70) Styrene	10.70	104	170012	18.496	ug/l	99
71) Bromoform	10.84	173	40787	18.141	ug/l #	100
73) Isopropylbenzene	11.00	105	271679	20.340	ug/l	100
74) N-amyl acetate	10.88	43	102769	20.533	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	95367	19.965	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	86295m	20.480	ug/l	
77) Bromobenzene	11.24	156	67123	19.685	ug/l	99
78) n-propylbenzene	11.34	91	304570	19.877	ug/l	100
79) 2-Chlorotoluene	11.40	91	185824	19.996	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	222277	19.837	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	27584	20.417	ug/l	96
82) 4-Chlorotoluene	11.49	91	214652	19.621	ug/l	99
83) tert-Butylbenzene	11.76	119	218295	20.137	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	225930	19.928	ug/l	100
85) sec-Butylbenzene	11.93	105	250772	19.445	ug/l	99
86) p-Isopropyltoluene	12.05	119	224570	19.180	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	118879	18.984	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	121053	18.767	ug/l	99
89) n-Butylbenzene	12.37	91	190304	17.978	ug/l	99
90) Hexachloroethane	12.58	117	37373	19.075	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	117085	18.616	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19083	19.583	ug/l	97

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QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	75323	18.654	ug/l	95
94) Hexachlorobutadiene	13.77	225	30773	16.729	ug/l	98
95) Naphthalene	13.82	128	243451	18.527	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	72604	17.976	ug/l	100

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

