

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112420\
 Data File : VX019622.D
 Acq On : 24 Nov 2020 22:30
 Operator : JC/MD
 Sample : VX1124WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1124WBS02

Manual Integrations
 APPROVED

MMDadoda
 11/25/2020 9:54:42 AM

Quant Time: Nov 25 06:32:57 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	5.63	168	271721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	453297	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	420855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	196988	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	173759	49.32	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.64%
35) Dibromofluoromethane	5.46	113	138680	48.74	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.48%
50) Toluene-d8	8.70	98	538316	48.69	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.38%
62) 4-Bromofluorobenzene	11.12	95	198402	49.87	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.74%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	46632	17.648	ug/l 100
3) Chloromethane	1.31	50	55353	18.255	ug/l 97
4) Vinyl Chloride	1.39	62	58615	17.958	ug/l 100
5) Bromomethane	1.62	94	22662	18.330	ug/l 99
6) Chloroethane	1.70	64	38450	48.203	ug/l 99
7) Trichlorofluoromethane	1.90	101	82728	17.560	ug/l 97
8) Diethyl Ether	2.17	74	35265	18.691	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	46533	17.705	ug/l 98
10) Methyl Iodide	2.49	142	61341	17.765	ug/l 99
11) Tert butyl alcohol	3.03	59	70697	106.033	ug/l 98
12) 1,1-Dichloroethene	2.35	96	47898	17.756	ug/l 97
13) Acrolein	2.28	56	26425	58.960	ug/l 97
14) Allyl chloride	2.70	41	75122	17.776	ug/l 99
15) Acrylonitrile	3.12	53	152707	97.116	ug/l 100
16) Acetone	2.42	43	122267	89.741	ug/l 100
17) Carbon Disulfide	2.54	76	113307	15.635	ug/l 100
18) Methyl Acetate	2.75	43	63903	19.521	ug/l 99
19) Methyl tert-butyl Ether	3.17	73	179159	19.240	ug/l 99
20) Methylene Chloride	2.83	84	61982	18.202	ug/l 98
21) trans-1,2-Dichloroethene	3.14	96	54747	17.912	ug/l 93
22) Diisopropyl ether	3.82	45	166007	18.989	ug/l 98
23) Vinyl Acetate	3.78	43	701328	95.640	ug/l 99
24) 1,1-Dichloroethane	3.67	63	99140	18.540	ug/l 99
25) 2-Butanone	4.64	43	193573	94.580	ug/l 99
26) 2,2-Dichloropropane	4.54	77	72875	15.614	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	65688	18.710	ug/l 98
28) Bromochloromethane	4.98	49	46295	18.108	ug/l 99
29) Tetrahydrofuran	5.09	42	122604	93.888	ug/l 100
30) Chloroform	5.17	83	104657	18.717	ug/l 99
31) Cyclohexane	5.54	56	79689	17.391	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	87389	18.195	ug/l 99
36) 1,1-Dichloropropene	5.76	75	74255	17.473	ug/l 99
37) Ethyl Acetate	4.79	43	76018	19.054	ug/l 100
38) Carbon Tetrachloride	5.75	117	71339	17.343	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	80948	16.359	ug/l	98
40) Benzene	6.11	78	237282	18.173	ug/l	99
41) Methacrylonitrile	5.00	41	40775	18.534	ug/l	97
42) 1,2-Dichloroethane	6.16	62	84389	18.856	ug/l	100
43) Isopropyl Acetate	6.41	43	124143	18.511	ug/l	100
44) Trichloroethene	7.18	130	60198	17.601	ug/l	95
45) 1,2-Dichloropropane	7.49	63	60122	18.704	ug/l	98
46) Dibromomethane	7.63	93	41252	18.751	ug/l	97
47) Bromodichloromethane	7.87	83	78955	18.495	ug/l	97
48) Methyl methacrylate	7.74	41	60501	19.263	ug/l	100
49) 1,4-Dioxane	7.71	88	28663	401.931	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	386237	98.763	ug/l	99
52) Toluene	8.76	92	151804	19.005	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	84811	18.395	ug/l	97
54) cis-1,3-Dichloropropene	8.41	75	92043	17.989	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	62865	19.325	ug/l	98
56) Ethyl methacrylate	9.16	69	91385	19.853	ug/l	99
57) 1,3-Dichloropropane	9.35	76	106643	19.581	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	245800	91.130	ug/l	99
59) 2-Hexanone	9.48	43	286483	96.589	ug/l	100
60) Dibromochloromethane	9.56	129	59512	18.677	ug/l	98
61) 1,2-Dibromoethane	9.65	107	64918	19.360	ug/l	99
64) Tetrachloroethene	9.32	164	52676	15.923	ug/l	96
65) Chlorobenzene	10.12	112	161267	18.637	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	57453	18.254	ug/l	99
67) Ethyl Benzene	10.23	91	282252	18.620	ug/l	99
68) m/p-Xylenes	10.34	106	210914	37.346	ug/l	100
69) o-Xylene	10.68	106	102391	18.966	ug/l	100
70) Styrene	10.70	104	169337	18.033	ug/l	99
71) Bromoform	10.84	173	40118	17.565	ug/l #	100
73) Isopropylbenzene	11.00	105	270140	19.824	ug/l	100
74) N-amyl acetate	10.88	43	102402	20.054	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	92602	19.002	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	84156m	19.576	ug/l	
77) Bromobenzene	11.24	156	68417	19.667	ug/l	97
78) n-propylbenzene	11.34	91	299560	19.162	ug/l	100
79) 2-Chlorotoluene	11.40	91	184101	19.418	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	221886	19.410	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	24824	18.509	ug/l	94
82) 4-Chlorotoluene	11.49	91	214649	19.232	ug/l	99
83) tert-Butylbenzene	11.76	119	218273	19.736	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	225118	19.463	ug/l	99
85) sec-Butylbenzene	11.93	105	245353	18.648	ug/l	100
86) p-Isopropyltoluene	12.05	119	221846	18.571	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	117205	18.345	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	117422	17.843	ug/l	98
89) n-Butylbenzene	12.37	91	185653	17.191	ug/l	99
90) Hexachloroethane	12.58	117	35528	17.774	ug/l	95
91) 1,2-Dichlorobenzene	12.37	146	117024	18.237	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17874	17.979	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	71852	17.441	ug/l	97
94) Hexachlorobutadiene	13.76	225	29298	15.612	ug/l	97
95) Naphthalene	13.82	128	240109	17.983	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	71608	17.378	ug/l	99

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

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