

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX103020\
 Data File : VX019186.D
 Acq On : 29 Oct 2020 12:41
 Operator : JC/MD
 Sample : L4485-12
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-05

Quant Time: Oct 30 08:10:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR102920WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 30 08:55:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	193503	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	170712	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	82564	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	62011	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.70	69	53002	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	2.34	63	91192	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	4.56	46	147221	53.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.62%
24) Chloroform-d	5.14	84	117356	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	6.03	65	65265	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	6.04	84	241338	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	7.37	67	68960	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	8.70	98	224477	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloropropene-	8.99	79	28290	4.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.60%
46) 2-Hexanone-d5	9.43	63	135224	54.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.86%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	51535	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
66) 1,2-Dichlorobenzene-d4	12.36	152	76372	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.18	85	4376	0.274	ug/L	98
3) Chloromethane	1.31	50	3946	0.286	ug/L	88
5) Vinyl chloride	1.39	62	4564	0.294	ug/L #	76
6) Bromomethane	1.64	94	2873	0.287	ug/L	96
8) Chloroethane	1.72	64	2648	0.281	ug/L	97
9) Trichlorofluoromethane	1.92	101	6285	0.280	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	4331	0.339	ug/L #	83
12) 1,1-Dichloroethene	2.35	96	4162	0.335	ug/L #	1
13) Acetone	2.46	43	4246	2.722	ug/L	67
14) Carbon disulfide	2.55	76	10233	0.266	ug/L	96
15) Methyl Acetate	2.76	43	1243	0.299	ug/L	91
16) Methylene chloride	2.83	84	5754	0.389	ug/L	91
17) Methyl tert-butyl Ether	3.17	73	7921	0.267	ug/L #	94
18) trans-1,2-Dichloroethene	3.14	96	3620	0.277	ug/L	93
19) 1,1-Dichloroethane	3.67	63	5867	0.263	ug/L	98
21) 2-Butanone	4.67	43	7161	2.614	ug/L	98
22) cis-1,2-Dichloroethene	4.56	96	3899	0.280	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.98	128	1656	0.286	ug/L #	91
25) Chloroform	5.17	83	7288	0.314	ug/L	99
27) 1,2-Dichloroethane	6.17	62	4306	0.296	ug/L #	93
29) 1,1,1-Trichloroethane	5.46	97	5888	0.279	ug/L	97
30) Cyclohexane	5.54	56	5573	0.265	ug/L	96
31) Carbon tetrachloride	5.75	117	4669	0.260	ug/L	99
33) Benzene	6.11	78	14054	0.276	ug/L	100
34) Trichloroethene	7.18	95	3722	0.268	ug/L	90
35) Methylcyclohexane	7.43	83	6259	0.278	ug/L	99
37) 1,2-Dichloropropane	7.49	63	3426	0.286	ug/L #	95
38) Bromodichloromethane	7.88	83	4070	0.261	ug/L #	98
39) cis-1,3-Dichloropropene	8.42	75	4844	0.263	ug/L	90
40) 4-Methyl-2-pentanone	8.62	43	17267	2.698	ug/L #	84
42) Toluene	8.76	91	14956	0.272	ug/L	100
44) trans-1,3-Dichloropropene	9.02	75	5395	0.350	ug/L	96
45) 1,1,2-Trichloroethane	9.20	97	2369	0.271	ug/L	93
47) Tetrachloroethene	9.32	164	3111	0.293	ug/L	94
48) 2-Hexanone	9.48	43	13491	3.013	ug/L	98
49) Dibromochloromethane	9.56	129	2663	0.263	ug/L	94
50) 1,2-Dibromoethane	9.65	107	2278	0.281	ug/L #	97
51) Chlorobenzene	10.12	112	9535	0.274	ug/L	96
52) Ethylbenzene	10.23	91	15984	0.260	ug/L	97
53) m,p-xylene	10.34	106	5834	0.247	ug/L	92
54) o-xylene	10.68	106	5727	0.254	ug/L	85
55) Styrene	10.70	104	9201	0.249	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.25	83	2912	0.292	ug/L #	90
59) Bromoform	10.84	173	1282	0.237	ug/L #	97
60) Isopropylbenzene	11.00	105	14879	0.245	ug/L	97
61) 1,2,3-Trichloropropane	11.28	75	2075	0.280	ug/L	98
62) 1,3,5-Trimethylbenzene	11.49	105	12685	0.250	ug/L	98
63) 1,2,4-Trimethylbenzene	11.79	105	12214	0.237	ug/L	98
64) 1,3-Dichlorobenzene	12.01	146	6856	0.254	ug/L	93
65) 1,4-Dichlorobenzene	12.08	146	6857	0.255	ug/L	90
67) 1,2-Dichlorobenzene	12.37	146	6769	0.273	ug/L	94
68) 1,2-Dibromo-3-chloropropan	12.98	75	406	0.240	ug/L	93
69) 1,3,5-Trichlorobenzene	13.15	180	5088	0.257	ug/L	98
70) 1,2,4-trichlorobenzene	13.63	180	4102	0.238	ug/L	97
71) Naphthalene	13.82	128	6624	0.213	ug/L	98
72) 1,2,3-Trichlorobenzene	14.00	180	3781	0.248	ug/L	94

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

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