

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051221\
 Data File : VX021924.D
 Acq On : 12 May 2021 14:03
 Operator : JC/MD
 Sample : M2250-02
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-QT3-2021-06

Manual Integrations
 APPROVED

MMDadoda
 5/13/2021 10:21:29 AM

Quant Time: May 13 01:12:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 13 01:12:16 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	83962	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	75886	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	34503	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	30553	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.672	69	24039	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.20%
11) 1,1-Dichloroethene-d2	2.306	63	41297	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	4.477	46	65622	39.94	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.88%
24) Chloroform-d	5.062	84	49631	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.20%
26) 1,2-Dichloroethane-d4	5.964	65	25880	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
32) Benzene-d6	5.976	84	113253	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	7.312	67	33504	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	8.653	98	105736	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloroprop...	8.952	79	14289	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	9.384	63	56319	38.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.08%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	22840	3.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.60%
66) 1,2-Dichlorobenzene-d4	12.323	152	31999	4.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.40%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1898	0.25	ug/L	99
3) Chloromethane	1.288	50	1912	0.25	ug/L	88
5) Vinyl chloride	1.374	62	2156	0.26	ug/L	99
6) Bromomethane	1.617	94	1060	0.24	ug/L	97
8) Chloroethane	1.691	64	1322	0.27	ug/L	95
9) Trichlorofluoromethane	1.886	101	2819	0.26	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	1812	0.29	ug/L	95
12) 1,1-Dichloroethene	2.319	96	1728	0.29	ug/L #	1
13) Acetone	2.422	43	3069	3.65	ug/L	72
14) Carbon disulfide	2.514	76	4636	0.24	ug/L #	94
15) Methyl Acetate	2.709	43	970	0.36	ug/L #	57
16) Methylene chloride	2.794	84	10742	1.29	ug/L	97
17) Methyl tert-butyl Ether	3.117	73	3591	0.24	ug/L #	80
18) trans-1,2-Dichloroethene	3.087	96	1764	0.27	ug/L	81
19) 1,1-Dichloroethane	3.611	63	2881	0.26	ug/L	98
21) 2-Butanone	4.586	43	4457	2.88	ug/L	98
22) cis-1,2-Dichloroethene	4.489	96	1754	0.25	ug/L	96
23) Bromochloromethane	4.891	128	598	0.22	ug/L #	76
25) Chloroform	5.099	83	6780	0.58	ug/L	88

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	1791	0.26	ug/L	96
29) 1,1,1-Trichloroethane	5.397	97	2705	0.26	ug/L	98
30) Cyclohexane	5.470	56	2991	0.27	ug/L	97
31) Carbon tetrachloride	5.690	117	2466m	0.28	ug/L	
33) Benzene	6.044	78	6691	0.26	ug/L	100
34) Trichloroethene	7.129	95	1830	0.27	ug/L	92
35) Methylcyclohexane	7.385	83	2907	0.25	ug/L	95
37) 1,2-Dichloropropane	7.434	63	1531	0.24	ug/L #	85
38) Bromodichloromethane	7.830	83	2083	0.25	ug/L #	79
39) cis-1,3-Dichloropropene	8.372	75	2347	0.24	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	9865	2.49	ug/L #	88
42) Toluene	8.720	91	8078	0.29	ug/L	96
44) trans-1,3-Dichloropropene	8.976	75	2666	0.32	ug/L	91
45) 1,1,2-Trichloroethane	9.153	97	1105	0.25	ug/L	97
47) Tetrachloroethene	9.269	164	1105	0.24	ug/L	85
48) 2-Hexanone	9.433	43	7822	2.83	ug/L	97
49) Dibromochloromethane	9.525	129	1185	0.23	ug/L	87
50) 1,2-Dibromoethane	9.610	107	927	0.23	ug/L #	74
51) Chlorobenzene	10.079	112	4408	0.26	ug/L	95
52) Ethylbenzene	10.195	91	7564	0.24	ug/L	96
53) m,p-xylene	10.305	106	3017	0.25	ug/L	97
54) o-xylene	10.646	106	2759	0.24	ug/L	97
55) Styrene	10.659	104	4381	0.23	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	1407	0.27	ug/L	98
59) Bromoform	10.799	173	588	0.25	ug/L #	88
60) Isopropylbenzene	10.963	105	7503	0.26	ug/L	97
61) 1,2,3-Trichloropropane	11.244	75	1098	0.31	ug/L	94
62) 1,3,5-Trimethylbenzene	11.457	105	6214	0.25	ug/L	95
63) 1,2,4-Trimethylbenzene	11.756	105	6583	0.26	ug/L	92
64) 1,3-Dichlorobenzene	11.975	146	3185	0.26	ug/L	85
65) 1,4-Dichlorobenzene	12.042	146	3070	0.26	ug/L	92
67) 1,2-Dichlorobenzene	12.341	146	2823	0.26	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.951	75	222	0.26	ug/L #	58
69) 1,3,5-Trichlorobenzene	13.115	180	2080	0.24	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	1825	0.25	ug/L	91
71) Naphthalene	13.780	128	3514	0.22	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	1642	0.25	ug/L	90

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

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