

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081921\
 Data File : VX023839.D
 Acq On : 19 Aug 2021 15:07
 Operator : JC/MD
 Sample : M3263-01
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-QT4-2021-07

Quant Time: Aug 20 06:33:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR081921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 19 11:43:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	126842	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	119132	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	58663	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	22398	4.519	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.400%
7) Chloroethane-d5	1.672	69	28632	4.713	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.306	63	49660	3.344	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.800%
20) 2-Butanone-d5	4.465	46	103485	51.493	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.980%
24) Chloroform-d	5.068	84	76593	4.490	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.964	65	42135	4.571	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.977	84	155443	4.697	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	7.312	67	48628	4.707	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	8.653	98	141184	4.487	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	8.952	79	12786	4.447	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	9.384	63	80697	50.896	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.800%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	34305	4.640	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	12.323	152	52685	4.783	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	1997	0.161	ug/L	93
3) Chloromethane	1.294	50	1988	0.196	ug/L	99
5) Vinyl chloride	1.374	62	1876	0.180	ug/L #	74
6) Bromomethane	1.611	94	1320	0.201	ug/L	99
8) Chloroethane	1.691	64	1246	0.197	ug/L	89
9) Trichlorofluoromethane	1.892	101	2942	0.182	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	1972	0.223	ug/L	91
12) 1,1-Dichloroethene	2.319	96	1562	0.186	ug/L #	1
13) Acetone	2.392	43	2821	2.254	ug/L	87
14) Carbon disulfide	2.514	76	3805	0.169	ug/L	97
15) Methyl Acetate	2.709	43	778	0.234	ug/L #	68
16) Methylene chloride	2.794	84	30866	2.783	ug/L	90
17) Methyl tert-butyl Ether	3.117	73	3136	0.168	ug/L #	89
18) trans-1,2-Dichloroethene	3.087	96	1499	0.173	ug/L	95
19) 1,1-Dichloroethane	3.617	63	2614	0.168	ug/L	97
21) 2-Butanone	4.568	43	3801	1.816	ug/L	87
22) cis-1,2-Dichloroethene	4.495	96	1462	0.157	ug/L #	61
23) Bromochloromethane	4.904	128	723	0.181	ug/L #	51
25) Chloroform	5.105	83	5992	0.360	ug/L	77

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.098	62	1787	0.175	ug/L #	73
29) 1,1,1-Trichloroethane	5.397	97	2471	0.172	ug/L	93
30) Cyclohexane	5.477	56	2448	0.170	ug/L	93
31) Carbon tetrachloride	5.690	117	1941	0.157	ug/L	96
33) Benzene	6.044	78	5936	0.167	ug/L	100
34) Trichloroethene	7.129	95	1668	0.171	ug/L #	78
35) Methylcyclohexane	7.391	83	2360	0.157	ug/L	95
37) 1,2-Dichloropropane	7.434	63	1563	0.177	ug/L #	94
38) Bromodichloromethane	7.830	83	1604	0.154	ug/L #	93
39) cis-1,3-Dichloropropene	8.366	75	2072	0.173	ug/L	97
40) 4-Methyl-2-pentanone	8.580	43	8008	1.561	ug/L #	82
42) Toluene	8.720	91	8060	0.210	ug/L	95
44) trans-1,3-Dichloropropene	8.982	75	1813	0.182	ug/L	100
45) 1,1,2-Trichloroethane	9.159	97	1050	0.174	ug/L	89
47) Tetrachloroethene	9.275	164	1382	0.177	ug/L	87
48) 2-Hexanone	9.433	43	6852	1.862	ug/L #	90
49) Dibromochloromethane	9.525	129	923	0.143	ug/L	100
50) 1,2-Dibromoethane	9.610	107	924	0.165	ug/L #	85
51) Chlorobenzene	10.079	112	4321	0.173	ug/L	93
52) Ethylbenzene	10.195	91	6580	0.160	ug/L	99
53) m,p-xylene	10.305	106	2762	0.169	ug/L	88
54) o-xylene	10.646	106	2449	0.157	ug/L	74
55) Styrene	10.665	104	3646	0.140	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.220	83	1341	0.196	ug/L #	96
59) Bromoform	10.799	173	515	0.167	ug/L #	80
60) Isopropylbenzene	10.963	105	5877	0.150	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	960	0.201	ug/L #	90
62) 1,3,5-Trimethylbenzene	11.457	105	4567	0.141	ug/L	96
63) 1,2,4-Trimethylbenzene	11.756	105	4887	0.148	ug/L	97
64) 1,3-Dichlorobenzene	11.975	146	3313	0.179	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	3216	0.174	ug/L #	77
67) 1,2-Dichlorobenzene	12.335	146	2991	0.176	ug/L #	90
68) 1,2-Dibromo-3-chloropr...	12.951	75	180	0.191	ug/L #	62
69) 1,3,5-Trichlorobenzene	13.116	180	2431	0.176	ug/L	94
70) 1,2,4-trichlorobenzene	13.591	180	1905	0.173	ug/L	96
71) Naphthalene	13.780	128	2639	0.142	ug/L #	93
72) 1,2,3-Trichlorobenzene	13.963	180	1513	0.150	ug/L	97

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

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