

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091422\
 Data File : VV027828.D
 Acq On : 14 Sep 2022 15:09
 Operator : SY/MD
 Sample : N4519-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2022-07

Quant Time: Sep 15 04:38:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 15 02:47:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/15/2022
 Supervised By :Mahesh Dadoda 09/15/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.593	114	152052	5.000	ug/L	-0.02
28) Chlorobenzene-d5	8.853	117	116001	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54664	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	41507	4.141	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.558	69	40061	4.712	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.098	63	67768	3.186	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.800%
20) 2-Butanone-d5	3.953	46	112646	50.713	ug/L	0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.420%
24) Chloroform-d	4.346	84	101917	4.966	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.027	65	59275	5.424	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.400%
32) Benzene-d6	5.030	84	200864	5.969	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	119.400%
36) 1,2-Dichloropropane-d6	6.050	67	52425	5.321	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.400%
41) Toluene-d8	7.320	98	147659	5.218	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
43) trans-1,3-Dichloroprop...	7.628	79	15184	4.594	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.114	63	62000	50.460	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.920%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	34322	5.425	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	50540	5.628	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	2560	0.172	ug/L	92
3) Chloromethane	1.233	50	2898	0.213	ug/L	83
5) Vinyl chloride	1.301	62	2751	0.201	ug/L #	67
6) Bromomethane	1.513	94	1482	0.201	ug/L	91
8) Chloroethane	1.577	64	1734	0.221	ug/L	88
9) Trichlorofluoromethane	1.744	101	4168	0.188	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	2587	0.239	ug/L #	84
12) 1,1-Dichloroethene	2.108	96	2674	0.265	ug/L #	1
14) Carbon disulfide	2.281	76	5354	0.179	ug/L	96
16) Methylene chloride	2.497	84	11994	0.924	ug/L	87
17) Methyl tert-butyl Ether	2.777	73	5270	0.220	ug/L #	88
18) trans-1,2-Dichloroethene	2.748	96	2143	0.201	ug/L	98
19) 1,1-Dichloroethane	3.185	63	4478	0.224	ug/L	95
21) 2-Butanone	4.034	43	6525m	2.793	ug/L	
22) cis-1,2-Dichloroethene	3.908	96	2907	0.251	ug/L #	93
23) Bromochloromethane	4.246	128	1156	0.237	ug/L #	83
25) Chloroform	4.375	83	8504	0.384	ug/L	91
27) 1,2-Dichloroethane	5.127	62	3260	0.243	ug/L #	86
29) 1,1,1-Trichloroethane	4.600	97	4697	0.263	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	4.657	56	3089	0.211	ug/L #	85
31) Carbon tetrachloride	4.809	117	3522	0.232	ug/L	92
33) Benzene	5.082	78	9657	0.252	ug/L	100
34) Trichloroethene	5.886	95	2477	0.258	ug/L	95
35) Methylcyclohexane	6.085	83	3115m	0.212	ug/L	
37) 1,2-Dichloropropane	6.153	63	2015	0.222	ug/L #	90
38) Bromodichloromethane	6.490	83	3069	0.255	ug/L #	92
39) cis-1,3-Dichloropropene	7.034	75	2296	0.200	ug/L	87
40) 4-Methyl-2-pentanone	7.262	43	8310	2.017	ug/L #	83
42) Toluene	7.391	91	8468	0.228	ug/L	95
44) trans-1,3-Dichloropropene	7.657	75	2099	0.218	ug/L #	77
45) 1,1,2-Trichloroethane	7.850	97	1455	0.247	ug/L	97
47) Tetrachloroethene	7.976	164	2093	0.272	ug/L	95
48) 2-Hexanone	8.169	43	14338	4.786	ug/L	93
49) Dibromochloromethane	8.255	129	1610	0.215	ug/L	98
50) 1,2-Dibromoethane	8.352	107	1419m	0.266	ug/L	
51) Chlorobenzene	8.886	112	5890	0.245	ug/L	98
52) Ethylbenzene	9.017	91	7584	0.197	ug/L	94
53) m,p-Xylene	9.143	106	2868	0.189	ug/L	94
54) o-Xylene	9.548	106	2883	0.200	ug/L	100
55) Styrene	9.567	104	4492	0.180	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.246	83	1760	0.267	ug/L #	91
59) Bromoform	9.738	173	754	0.228	ug/L #	79
60) Isopropylbenzene	9.934	105	7505	0.219	ug/L	96
61) 1,2,3-Trichloropropane	10.278	75	1233	0.285	ug/L #	89
62) 1,3,5-Trimethylbenzene	10.545	105	2262	0.235	ug/L	91
63) 1,2,4-Trimethylbenzene	10.918	105	5803	0.212	ug/L	95
64) 1,3-Dichlorobenzene	11.185	146	4003	0.231	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.419	75	224m	0.241	ug/L	
69) 1,3,5-Trichlorobenzene	12.648	180	2936	0.224	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	2056	0.198	ug/L	98
71) Naphthalene	13.506	128	3050	0.187	ug/L #	94
72) 1,2,3-Trichlorobenzene	13.741	180	1814	0.196	ug/L	94

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

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