

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101022\
 Data File : VU051317.D
 Acq On : 10 Oct 2022 11:08
 Operator : JC/MD
 Sample : N4519-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/11/2022
 Supervised By :Mahesh Dadoda 10/11/2022

Quant Time: Oct 11 01:11:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 11 00:58:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	185506	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	209284	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	81256	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	65504	4.378	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.600%	
7) Chloroethane-d5	1.912	69	62258	4.842	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.800%	
11) 1,1-Dichloroethene-d2	2.565	65	26454	4.472	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.400%	
20) 2-Butanone-d5	4.642	46	179950	54.621	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.240%	
24) Chloroform-d	5.063	84	142354	5.103	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.000%	
26) 1,2-Dichloroethane-d4	5.703	65	73512	5.110	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.200%	
32) Benzene-d6	5.726	84	256170	4.449	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.000%	
36) 1,2-Dichloropropane-d6	6.690	67	91015	4.655	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.000%	
41) Toluene-d8	7.899	98	198165	3.847	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.000%	
43) trans-1,3-Dichloroprop...	8.179	79	27787	4.326	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.600%	
46) 2-Hexanone-d5	8.636	63	96320	44.488	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	88.980%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	74598	4.776	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.600%	
66) 1,2-Dichlorobenzene-d4	12.192	152	70464	4.989	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	3152	0.208	ug/L	98
3) Chloromethane	1.520	50	4770	0.224	ug/L	87
5) Vinyl chloride	1.601	62	4685	0.225	ug/L #	64
6) Bromomethane	1.855	94	2326	0.205	ug/L	96
8) Chloroethane	1.932	64	2912m	0.219	ug/L	
9) Trichlorofluoromethane	2.138	101	4946	0.206	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	3747	0.260	ug/L	86
12) 1,1-Dichloroethene	2.575	96	3329	0.246	ug/L #	1
14) Carbon disulfide	2.790	76	8529	0.206	ug/L #	91
16) Methylene chloride	3.047	84	8779	0.439	ug/L	96
17) Methyl tert-butyl Ether	3.369	73	5455	0.176	ug/L #	92
18) trans-1,2-Dichloroethene	3.359	96	2681	0.188	ug/L	95
19) 1,1-Dichloroethane	3.867	63	5882	0.200	ug/L	99
21) 2-Butanone	4.735	43	8702m	2.235	ug/L	
22) cis-1,2-Dichloroethene	4.665	96	3166	0.201	ug/L	97
23) Bromochloromethane	4.977	128	1460m	0.194	ug/L	
27) 1,2-Dichloroethane	5.800	62	3776	0.205	ug/L	99
29) 1,1,1-Trichloroethane	5.311	97	5123	0.204	ug/L	90
30) Cyclohexane	5.388	56	3001	0.141	ug/L #	77

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31) Carbon tetrachloride	5.520	117	3605	0.170	ug/L	98
33) Benzene	5.774	78	13024	0.186	ug/L	100
35) Methylcyclohexane	6.768	83	3432	0.156	ug/L	96
37) 1,2-Dichloropropane	6.790	63	3298	0.172	ug/L #	92
38) Bromodichloromethane	7.105	83	4164	0.182	ug/L	94
39) cis-1,3-Dichloropropene	7.610	75	3593	0.156	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	14584	1.452	ug/L #	82
44) trans-1,3-Dichloropropene	8.211	75	3438	0.173	ug/L	94
45) 1,1,2-Trichloroethane	8.401	97	2473	0.184	ug/L	91
49) Dibromochloromethane	8.813	129	2920	0.193	ug/L	91
50) 1,2-Dibromoethane	8.925	107	2316	0.194	ug/L #	64
51) Chlorobenzene	9.446	112	8544	0.193	ug/L	95
52) Ethylbenzene	9.571	91	10449	0.157	ug/L	99
53) m,p-Xylene	9.693	106	4187	0.162	ug/L	87
54) o-Xylene	10.102	106	3623	0.148	ug/L	71
55) Styrene	10.118	104	5208	0.124	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.780	83	3588	0.216	ug/L #	90
59) Bromoform	10.292	173	1400	0.207	ug/L #	94
60) Isopropylbenzene	10.484	105	8129	0.158	ug/L	97
61) 1,2,3-Trichloropropane	10.822	75	1995	0.194	ug/L	95
62) 1,3,5-Trimethylbenzene	11.089	105	1951	0.143	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	5496	0.142	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	5119	0.201	ug/L	88
65) 1,4-Dichlorobenzene	11.835	146	4901	0.195	ug/L	93
67) 1,2-Dichlorobenzene	12.211	146	5247	0.212	ug/L #	93
69) 1,3,5-Trichlorobenzene	13.221	180	3932	0.224	ug/L	92
70) 1,2,4-trichlorobenzene	13.844	180	3132	0.251	ug/L	90
71) Naphthalene	14.092	128	4421	0.191	ug/L #	94
72) 1,2,3-Trichlorobenzene	14.330	180	2674	0.207	ug/L	97

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

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