

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080824\
 Data File : VU060356.D
 Acq On : 08 Aug 2024 14:57
 Operator : MD/SY
 Sample : P3391-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT3-2024-05

Quant Time: Aug 09 00:06:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 08 23:46:27 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/12/2024
 Supervised By :Semsettin Yesilyurt 08/12/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	117945	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	123492	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	56096	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	45146	4.876	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.600%
7) Chloroethane-d5	1.911	69	41540	4.976	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.563	65	18912	4.800	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.000%
20) 2-Butanone-d5	4.644	46	93877	47.779	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.560%
24) Chloroform-d	5.055	84	88416	4.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.695	65	43660	5.136	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.721	84	177372	4.763	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.682	67	58895	5.098	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.891	98	152795	4.595	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	8.177	79	17975	4.813	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.631	63	77678	46.868	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.740%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	46339	4.889	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	56356	5.454	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	1059	0.166	ug/L	92
3) Chloromethane	1.518	50	1658	0.210	ug/L	85
5) Vinyl chloride	1.602	62	1982	0.214	ug/L #	43
6) Bromomethane	1.856	94	1303	0.199	ug/L	91
8) Chloroethane	1.933	64	1504m	0.239	ug/L	
9) Trichlorofluoromethane	2.139	101	2726	0.210	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	2238	0.261	ug/L #	54
12) 1,1-Dichloroethene	2.573	96	2069	0.266	ug/L #	1
14) Carbon disulfide	2.788	76	4421	0.225	ug/L	96
16) Methylene chloride	3.046	84	4575	0.414	ug/L	95
17) Methyl tert-butyl Ether	3.357	73	3315	0.181	ug/L	95
18) trans-1,2-Dichloroethene	3.351	96	1547	0.203	ug/L	92
19) 1,1-Dichloroethane	3.869	63	3234	0.205	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	1940	0.211	ug/L	89
23) Bromochloromethane	4.975	128	771	0.181	ug/L #	82
25) Chloroform	5.078	83	3902	0.228	ug/L	97
27) 1,2-Dichloroethane	5.801	62	2006m	0.220	ug/L	
30) Cyclohexane	5.380	56	1842m	0.168	ug/L	
31) Carbon tetrachloride	5.521	117	2343	0.198	ug/L	98

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33) Benzene	5.772	78	7032	0.198	ug/L	100
35) Methylcyclohexane	6.756	83	2455	0.202	ug/L #	83
37) 1,2-Dichloropropane	6.785	63	2152	0.222	ug/L #	88
38) Bromodichloromethane	7.106	83	2267	0.190	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	2419	0.184	ug/L	94
40) 4-Methyl-2-pentanone	7.791	43	8449m	1.871	ug/L	
42) Toluene	7.968	91	7021	0.187	ug/L	95
44) trans-1,3-Dichloropropene	8.213	75	2154m	0.198	ug/L	
45) 1,1,2-Trichloroethane	8.399	97	1488	0.201	ug/L	90
49) Dibromochloromethane	8.801	129	1680	0.213	ug/L	97
50) 1,2-Dibromoethane	8.920	107	1151	0.174	ug/L #	92
51) Chlorobenzene	9.441	112	5319	0.210	ug/L	98
52) Ethylbenzene	9.569	91	7430	0.188	ug/L	92
53) m,p-Xylene	9.695	106	2858	0.190	ug/L	81
54) o-Xylene	10.100	106	2469	0.172	ug/L	83
55) Styrene	10.119	104	3808	0.153	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	2032	0.221	ug/L	93
59) Bromoform	10.283	173	849	0.199	ug/L #	91
60) Isopropylbenzene	10.479	105	5966	0.176	ug/L	98
61) 1,2,3-Trichloropropane	10.823	75	1149	0.212	ug/L #	90
62) 1,3,5-Trimethylbenzene	11.087	105	4481	0.172	ug/L	95
63) 1,2,4-Trimethylbenzene	11.463	105	4483	0.174	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	4141	0.240	ug/L	95
65) 1,4-Dichlorobenzene	11.833	146	4562	0.262	ug/L	85
67) 1,2-Dichlorobenzene	12.209	146	4052	0.249	ug/L	94
69) 1,3,5-Trichlorobenzene	13.219	180	2956	0.227	ug/L	95
70) 1,2,4-trichlorobenzene	13.849	180	2861	0.279	ug/L	94
71) Naphthalene	14.100	128	4136m	0.284	ug/L	
72) 1,2,3-Trichlorobenzene	14.331	180	2490	0.271	ug/L	91

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

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