

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
 Data File : VU061920.D
 Acq On : 21 Nov 2024 16:12
 Operator : MD/SY
 Sample : P4776-01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT4-2024-07

Quant Time: Nov 21 23:31:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 23:06:37 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/25/2024
 Supervised By :Semsettin Yesilyurt 11/25/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	149631	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	137067	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	60583	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	30533	4.160	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.200%
7) Chloroethane-d5	1.908	69	26083	4.017	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.560	65	13203	4.503	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.000%
20) 2-Butanone-d5	4.615	46	111688	48.459	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.920%
24) Chloroform-d	5.052	84	79735	4.453	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.692	65	40996	4.449	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	5.718	84	135970	5.091	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	6.682	67	48999	5.400	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.000%
41) Toluene-d8	7.891	98	108842	4.887	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	8.174	79	16594	4.940	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.800%
46) 2-Hexanone-d5	8.624	63	70700	46.109	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.220%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	42341	4.669	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	46495	5.190	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	3429	0.262	ug/L	91
3) Chloromethane	1.515	50	3491	0.259	ug/L	98
5) Vinyl chloride	1.599	62	3142	0.227	ug/L #	56
6) Bromomethane	1.850	94	1942	0.235	ug/L	90
8) Chloroethane	1.924	64	1713	0.192	ug/L	96
9) Trichlorofluoromethane	2.133	101	4193	0.239	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	2607	0.242	ug/L	94
12) 1,1-Dichloroethene	2.570	96	2507	0.250	ug/L #	1
14) Carbon disulfide	2.785	76	7204	0.226	ug/L	98
15) Methyl Acetate	2.972	43	880	0.215	ug/L #	51
16) Methylene chloride	3.043	84	3021	0.251	ug/L	87
17) Methyl tert-butyl Ether	3.354	73	5462	0.212	ug/L #	95
18) trans-1,2-Dichloroethene	3.348	96	2088	0.197	ug/L	91
19) 1,1-Dichloroethane	3.866	63	4522	0.219	ug/L	94
21) 2-Butanone	4.727	43	6416m	2.495	ug/L	
22) cis-1,2-Dichloroethene	4.653	96	2508	0.210	ug/L	94
23) Bromochloromethane	4.968	128	1099	0.212	ug/L #	72
25) Chloroform	5.081	83	5421	0.251	ug/L	100
27) 1,2-Dichloroethane	5.788	62	3132	0.225	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	5.380	56	3749	0.227	ug/L	95
31) Carbon tetrachloride	5.515	117	3229	0.241	ug/L	98
33) Benzene	5.766	78	10214	0.247	ug/L	100
35) Methylcyclohexane	6.750	83	4167	0.247	ug/L	92
37) 1,2-Dichloropropane	6.788	63	2830	0.263	ug/L #	87
38) Bromodichloromethane	7.100	83	3129	0.240	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	3665	0.243	ug/L	94
40) 4-Methyl-2-pentanone	7.785	43	13330m	2.297	ug/L	
42) Toluene	7.965	91	10133	0.233	ug/L	94
44) trans-1,3-Dichloropropene	8.210	75	2842	0.237	ug/L	96
45) 1,1,2-Trichloroethane	8.399	97	1913	0.241	ug/L	90
49) Dibromochloromethane	8.801	129	1832	0.219	ug/L	87
50) 1,2-Dibromoethane	8.917	107	1525	0.194	ug/L #	96
51) Chlorobenzene	9.441	112	6171	0.207	ug/L	90
52) Ethylbenzene	9.566	91	10967	0.211	ug/L	92
53) m,p-Xylene	9.692	106	4063	0.221	ug/L	86
54) o-Xylene	10.097	106	3721	0.201	ug/L	97
55) Styrene	10.116	104	5298	0.174	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.779	83	2122	0.209	ug/L	98
59) Bromoform	10.283	173	1031	0.229	ug/L #	79
60) Isopropylbenzene	10.480	105	9396	0.199	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	1426	0.204	ug/L	95
62) 1,3,5-Trimethylbenzene	11.084	105	7588	0.201	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	7194	0.191	ug/L	95
64) 1,3-Dichlorobenzene	11.746	146	4270	0.204	ug/L	95
65) 1,4-Dichlorobenzene	11.830	146	4756	0.234	ug/L	90
67) 1,2-Dichlorobenzene	12.203	146	4305	0.236	ug/L	95
69) 1,3,5-Trichlorobenzene	13.219	180	2892	0.232	ug/L	97
71) Naphthalene	14.116	128	2249	0.146	ug/L #	70
72) 1,2,3-Trichlorobenzene	14.335	180	1728	0.210	ug/L #	54

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

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