

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081224\
 Data File : VU060407.D
 Acq On : 12 Aug 2024 15:32
 Operator : MD/SY
 Sample : P3391-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT3-2024-06

Quant Time: Aug 13 02:38:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 13 02:20:56 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/13/2024
 Supervised By :Semsettin Yesilyurt 08/13/2024

08/13/2024
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 Yesilyurt

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	87440	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	91704	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	40130	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.596	65	24166	3.521	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.400%
7) Chloroethane-d5	1.908	69	24205	3.911	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.200%
11) 1,1-Dichloroethene-d2	2.560	65	11030	3.776	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.600%
20) 2-Butanone-d5	4.631	46	77539	53.232	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.460%
24) Chloroform-d	5.055	84	59281	4.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.695	65	31537	5.004	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.721	84	106903	3.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.400%
36) 1,2-Dichloropropane-d6	6.682	67	38238	4.457	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.894	98	87232	3.533	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.600%
43) trans-1,3-Dichloroprop...	8.177	79	11514	4.152	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.631	63	57778	46.945	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.900%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	32751	4.653	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	34683	4.692	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	857	0.182	ug/L	89
3) Chloromethane	1.515	50	1311	0.223	ug/L	89
5) Vinyl chloride	1.602	62	1568	0.228	ug/L	89
6) Bromomethane	1.856	94	1077	0.221	ug/L	98
8) Chloroethane	1.930	64	1017	0.218	ug/L	97
9) Trichlorofluoromethane	2.133	101	2096	0.218	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	1585	0.250	ug/L	90
12) 1,1-Dichloroethene	2.570	96	1322	0.229	ug/L #	1
14) Carbon disulfide	2.789	76	2846	0.196	ug/L #	90
15) Methyl Acetate	2.981	43	521	0.253	ug/L #	48
16) Methylene chloride	3.039	84	3290	0.401	ug/L	93
17) Methyl tert-butyl Ether	3.358	73	2857	0.210	ug/L	100
18) trans-1,2-Dichloroethene	3.354	96	1208	0.214	ug/L	88
19) 1,1-Dichloroethane	3.862	63	2480	0.212	ug/L #	86
22) cis-1,2-Dichloroethene	4.657	96	1463m	0.214	ug/L	
23) Bromochloromethane	4.975	128	605	0.192	ug/L #	79
25) Chloroform	5.078	83	3456	0.272	ug/L	96
27) 1,2-Dichloroethane	5.801	62	1477	0.219	ug/L #	70
30) Cyclohexane	5.377	56	1494	0.184	ug/L	89

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31) Carbon tetrachloride	5.522	117	1843	0.209	ug/L	98
33) Benzene	5.776	78	5630	0.213	ug/L	100
35) Methylcyclohexane	6.750	83	1860	0.206	ug/L #	88
37) 1,2-Dichloropropane	6.782	63	1721	0.240	ug/L #	88
38) Bromodichloromethane	7.100	83	1831	0.206	ug/L #	87
39) cis-1,3-Dichloropropene	7.608	75	1950	0.200	ug/L	91
40) 4-Methyl-2-pentanone	7.792	43	6859	2.045	ug/L #	74
42) Toluene	7.968	91	5564	0.199	ug/L	99
44) trans-1,3-Dichloropropene	8.213	75	1792m	0.222	ug/L	
45) 1,1,2-Trichloroethane	8.399	97	1058	0.192	ug/L	97
49) Dibromochloromethane	8.801	129	1290	0.220	ug/L	98
50) 1,2-Dibromoethane	8.920	107	1080	0.220	ug/L #	95
51) Chlorobenzene	9.441	112	4125	0.219	ug/L	90
52) Ethylbenzene	9.566	91	5648	0.192	ug/L	100
53) m,p-Xylene	9.689	106	2202	0.197	ug/L	84
54) o-Xylene	10.097	106	1756	0.164	ug/L	93
55) Styrene	10.119	104	3043	0.165	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	1643	0.240	ug/L #	83
59) Bromoform	10.283	173	689	0.226	ug/L #	72
60) Isopropylbenzene	10.480	105	5028	0.208	ug/L #	86
61) 1,2,3-Trichloropropane	10.817	75	921	0.237	ug/L #	93
62) 1,3,5-Trimethylbenzene	11.084	105	4056	0.217	ug/L	90
63) 1,2,4-Trimethylbenzene	11.467	105	3637	0.198	ug/L	99
64) 1,3-Dichlorobenzene	11.746	146	2673	0.216	ug/L	87
65) 1,4-Dichlorobenzene	11.830	146	3052	0.245	ug/L	94
67) 1,2-Dichlorobenzene	12.206	146	2990	0.256	ug/L	91
69) 1,3,5-Trichlorobenzene	13.222	180	1692	0.181	ug/L	93
71) Naphthalene	14.122	128	1517m	0.146	ug/L	
72) 1,2,3-Trichlorobenzene	14.331	180	1082	0.165	ug/L #	95

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

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