

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059841.D
 Acq On : 04 Jul 2024 10:57
 Operator : MD/SY
 Sample : P3109-05MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0HC3MSD

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

07/05/2024
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Jul 05 01:07:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 04 04:26:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	182160	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	167921	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	95050	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.596	65	52647	4.156	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.200%
7) Chloroethane-d5	1.907	69	45332	3.720	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.400%
11) 1,1-Dichloroethene-d2	2.560	65	20501	3.901	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.000%
20) 2-Butanone-d5	4.618	46	113752	43.598	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.200%
24) Chloroform-d	5.055	84	98477	3.788	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.800%
26) 1,2-Dichloroethane-d4	5.695	65	47024	3.755	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.000%
32) Benzene-d6	5.721	84	202686	4.386	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.682	67	62908	4.442	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.891	98	181890	4.234	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.174	79	21516	4.852	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.000%
46) 2-Hexanone-d5	8.624	63	100978	54.805	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.620%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	50758	4.338	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	73702	4.357	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.380	85	65500	4.244	ug/L	97
3) Chloromethane	1.518	50	72491	4.364	ug/L	98
5) Vinyl chloride	1.602	62	81686	4.451	ug/L	100
6) Bromomethane	1.853	94	49555	3.884	ug/L	95
8) Chloroethane	1.930	64	50598	4.576	ug/L	100
9) Trichlorofluoromethane	2.133	101	101559	4.597	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	62059	4.438	ug/L	94
12) 1,1-Dichloroethene	2.573	96	60779	4.704	ug/L	81
13) Acetone	2.628	43	107038	63.243	ug/L	92
14) Carbon disulfide	2.788	76	187918	4.360	ug/L	99
15) Methyl Acetate	2.946	43	19263m	4.313	ug/L	
16) Methylene chloride	3.036	84	79597	5.199	ug/L	# 42
17) Methyl tert-butyl Ether	3.354	73	183602	6.595	ug/L	96
18) trans-1,2-Dichloroethene	3.345	96	63523	4.728	ug/L	90
19) 1,1-Dichloroethane	3.859	63	117151	4.728	ug/L	97
21) 2-Butanone	4.695	43	137172	50.530	ug/L	86
22) cis-1,2-Dichloroethene	4.657	96	74806	5.051	ug/L	95
23) Bromochloromethane	4.965	128	32833	4.863	ug/L	87
25) Chloroform	5.081	83	128185	4.912	ug/L	99

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27) 1,2-Dichloroethane	5.785	62	106798	6.753	ug/L	#	91
29) 1,1,1-Trichloroethane	5.306	97	99477	5.130	ug/L		97
30) Cyclohexane	5.380	56	95949	5.605	ug/L		93
31) Carbon tetrachloride	5.518	117	83543	5.146	ug/L		99
33) Benzene	5.766	78	269926	5.293	ug/L		100
34) Trichloroethene	6.534	95	71563	5.182	ug/L		96
35) Methylcyclohexane	6.756	83	134949	6.868	ug/L		96
37) 1,2-Dichloropropane	6.782	63	71122	5.390	ug/L	#	56
38) Bromodichloromethane	7.097	83	98545	5.983	ug/L		97
39) cis-1,3-Dichloropropene	7.602	75	91462	5.068	ug/L		96
40) 4-Methyl-2-pentanone	7.782	43	344715	56.374	ug/L	#	92
42) Toluene	7.962	91	280284	5.192	ug/L		99
44) trans-1,3-Dichloropropene	8.203	75	73234	5.056	ug/L		100
45) 1,1,2-Trichloroethane	8.393	97	57925	5.957	ug/L		97
47) Tetrachloroethene	8.547	164	58190	5.430	ug/L		95
48) 2-Hexanone	8.676	43	238239	54.591	ug/L	#	89
49) Dibromochloromethane	8.801	129	56505	5.245	ug/L		96
50) 1,2-Dibromoethane	8.917	107	51439	5.728	ug/L		96
51) Chlorobenzene	9.441	112	173699	5.073	ug/L		96
52) Ethylbenzene	9.563	91	166906	3.014	ug/L		97
53) m,p-Xylene	9.688	106	71710	3.371	ug/L		99
54) o-Xylene	10.094	106	117786	5.835	ug/L		100
55) Styrene	10.106	104	148060	4.309	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.775	83	66321	5.622	ug/L		96
59) Bromoform	10.283	173	34860	4.792	ug/L		99
60) Isopropylbenzene	10.476	105	119622	2.037	ug/L		98
61) 1,2,3-Trichloropropane	10.814	75	43556	4.959	ug/L		96
62) 1,3,5-Trimethylbenzene	11.081	105	257594	5.538	ug/L		99
63) 1,2,4-Trimethylbenzene	11.463	105	163993	3.688	ug/L		99
64) 1,3-Dichlorobenzene	11.740	146	156729	5.248	ug/L		99
65) 1,4-Dichlorobenzene	11.830	146	152896	4.974	ug/L		99
67) 1,2-Dichlorobenzene	12.206	146	146866	5.226	ug/L		97
68) 1,2-Dibromo-3-chloropr...	12.987	75	9361	5.464	ug/L	#	80
69) 1,3,5-Trichlorobenzene	13.212	180	121735	5.507	ug/L		99
70) 1,2,4-trichlorobenzene	13.833	180	103725	6.117	ug/L		97
71) Naphthalene	14.081	128	183931	7.578	ug/L	#	95
72) 1,2,3-Trichlorobenzene	14.322	180	94016	5.971	ug/L	#	95

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

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