

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062923\
 Data File : VU054704.D
 Acq On : 29 Jun 2023 18:50
 Operator : MD/SY
 Sample : 03477-03MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 HOA42MS

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/30/2023
 Supervised By :Mahesh Dadoda 06/30/2023

Quant Time: Jun 30 05:20:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 23 23:55:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	301722	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	295163	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	152914	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	88874	4.628	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.600%
7) Chloroethane-d5	1.910	69	80420	4.473	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.560	65	38788	4.523	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.400%
20) 2-Butanone-d5	4.634	46	302964	56.117	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.240%
24) Chloroform-d	5.058	84	188546	4.698	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.698	65	89478	4.573	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.724	84	335014	4.083	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.688	67	115591	4.218	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.400%
41) Toluene-d8	7.894	98	300976	4.133	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	8.177	79	43688	4.585	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.630	63	224009	56.035	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.080%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	99648	4.877	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	111754	4.333	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	101963	3.617	ug/L	100
3) Chloromethane	1.521	50	131850	4.071	ug/L	99
5) Vinyl chloride	1.602	62	145541	4.378	ug/L	100
6) Bromomethane	1.856	94	76019	4.160	ug/L	98
8) Chloroethane	1.933	64	91971	4.616	ug/L	99
9) Trichlorofluoromethane	2.136	101	187832	4.596	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	114175	4.776	ug/L	95
12) 1,1-Dichloroethene	2.573	96	3207162	146.552	ug/L #	85
13) Acetone	2.653	43	273837	53.795	ug/L	100
14) Carbon disulfide	2.788	76	238324	3.672	ug/L	99
15) Methyl Acetate	2.955	43	56871	6.029	ug/L	95
16) Methylene chloride	3.039	84	125253	4.070	ug/L	93
17) Methyl tert-butyl Ether	3.361	73	282862	5.237	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	101006	4.470	ug/L	96
19) 1,1-Dichloroethane	3.862	63	313378	6.702	ug/L	99
21) 2-Butanone	4.714	43	402521	60.930	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	227639	8.847	ug/L	98
23) Bromochloromethane	4.968	128	52771	4.929	ug/L	92
25) Chloroform	5.081	83	452217	9.810	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	146982	5.439	ug/L	97
29) 1,1,1-Trichloroethane	5.312	97	606082	15.143	ug/L	98
30) Cyclohexane	5.383	56	173155	3.972	ug/L	99
31) Carbon tetrachloride	5.521	117	291533	8.453	ug/L	100
33) Benzene	5.769	78	540697	5.097	ug/L	100
34) Trichloroethene	6.541	95	10805921	385.222	ug/L	94
35) Methylcyclohexane	6.759	83	169881	4.007	ug/L	99
37) 1,2-Dichloropropane	6.788	63	141864	4.946	ug/L	98
38) Bromodichloromethane	7.100	83	174230	5.366	ug/L	100
39) cis-1,3-Dichloropropene	7.605	75	192787	4.923	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	913919	59.709	ug/L	98
42) Toluene	7.965	91	515280	4.717	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	163024	5.130	ug/L	96
45) 1,1,2-Trichloroethane	8.399	97	106576	5.841	ug/L	99
47) Tetrachloroethene	8.550	164	29428367m	1370.524	ug/L	
48) 2-Hexanone	8.682	43	681139	59.724	ug/L	99
49) Dibromochloromethane	8.807	129	111916m	5.841	ug/L	
50) 1,2-Dibromoethane	8.920	107	87805	5.242	ug/L	98
51) Chlorobenzene	9.444	112	321202	4.717	ug/L	99
52) Ethylbenzene	9.566	91	548702	4.599	ug/L	100
53) m,p-Xylene	9.692	106	204914	4.675	ug/L	98
54) o-Xylene	10.097	106	196471	4.635	ug/L	97
55) Styrene	10.110	104	349564	4.914	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	129217	5.575	ug/L	99
59) Bromoform	10.286	173	66064	6.018	ug/L	100
60) Isopropylbenzene	10.479	105	535815	4.790	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	87225	5.644	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	422352	4.628	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	433594	4.678	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	273443	5.230	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	275588	5.252	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	262780	5.464	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.990	75	21605	6.362	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	179752	4.556	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	152332	4.669	ug/L	98
71) Naphthalene	14.084	128	256722	4.840	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	140103	4.999	ug/L	99

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

Manual Integrations

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