

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042823\
 Data File : VU053961.D
 Acq On : 28 Apr 2023 01:43
 Operator : JC/MD
 Sample : 02528-06MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 HOA37MS

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/01/2023
 Supervised By :Mahesh Dadoda 05/01/2023

Quant Time: Apr 28 07:23:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 27 05:52:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	147034	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	139505	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	76785	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	30490	3.404	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	68.000%	
7) Chloroethane-d5	1.916	69	29623	3.941	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.800%	
11) 1,1-Dichloroethene-d2	2.565	65	15983	4.336	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	86.800%	
20) 2-Butanone-d5	4.636	46	82293	50.169	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.340%	
24) Chloroform-d	5.060	84	91361	5.414	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	108.200%	
26) 1,2-Dichloroethane-d4	5.697	65	35653	4.571	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.400%	
32) Benzene-d6	5.723	84	144755	4.405	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.000%	
36) 1,2-Dichloropropane-d6	6.687	67	46279	4.655	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.000%	
41) Toluene-d8	7.896	98	135454	4.416	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.400%	
43) trans-1,3-Dichloroprop...	8.176	79	17138	4.383	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.600%	
46) 2-Hexanone-d5	8.632	63	71484	51.658	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	103.320%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	38620	4.807	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.200%	
66) 1,2-Dichlorobenzene-d4	12.189	152	52945	4.299	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	86.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	54648	5.010	ug/L	97
3) Chloromethane	1.520	50	54344	5.131	ug/L	97
5) Vinyl chloride	1.604	62	65800	5.384	ug/L	100
6) Bromomethane	1.858	94	40289	5.066	ug/L	94
8) Chloroethane	1.935	64	38497	5.046	ug/L	99
9) Trichlorofluoromethane	2.137	101	91855	5.090	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	61542	5.869	ug/L	92
12) 1,1-Dichloroethene	2.578	96	2175690	235.253	ug/L #	76
13) Acetone	2.652	43	60363	45.379	ug/L	99
14) Carbon disulfide	2.790	76	130521	5.150	ug/L	97
15) Methyl Acetate	2.961	43	15030	5.235	ug/L	94
16) Methylene chloride	3.044	84	57992	4.595	ug/L	97
17) Methyl tert-butyl Ether	3.359	73	109396	5.460	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	53078	5.679	ug/L	99
19) 1,1-Dichloroethane	3.864	63	223632	13.222	ug/L	99
21) 2-Butanone	4.716	43	98104	53.280	ug/L	97
22) cis-1,2-Dichloroethene	4.661	96	159177	15.098	ug/L	97
23) Bromochloromethane	4.970	128	26229	5.591	ug/L	95
25) Chloroform	5.083	83	421675	22.957	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	58385	5.545	ug/L	98
29) 1,1,1-Trichloroethane	5.311	97	717007	45.720	ug/L	99
30) Cyclohexane	5.385	56	74909	5.316	ug/L	100
31) Carbon tetrachloride	5.523	117	92637	6.795	ug/L	98
33) Benzene	5.771	78	256525	6.523	ug/L	100
34) Trichloroethene	6.539	95	6573458	613.453	ug/L	98
35) Methylcyclohexane	6.758	83	88130	5.324	ug/L	99
37) 1,2-Dichloropropane	6.787	63	53883	5.523	ug/L	100
38) Bromodichloromethane	7.102	83	66651	5.465	ug/L	99
39) cis-1,3-Dichloropropene	7.603	75	77499	5.268	ug/L	98
40) 4-Methyl-2-pentanone	7.787	43	229052	52.047	ug/L	97
42) Toluene	7.967	91	233253	5.594	ug/L	100
44) trans-1,3-Dichloropropene	8.205	75	61763	5.191	ug/L	95
45) 1,1,2-Trichloroethane	8.398	97	45567	6.232	ug/L	98
47) Tetrachloroethene	8.558	164	27161306m	3198.070	ug/L	
48) 2-Hexanone	8.681	43	161719	48.346	ug/L	97
49) Dibromochloromethane	8.809	129	47528m	6.138	ug/L	
50) 1,2-Dibromoethane	8.919	107	37942	5.609	ug/L	94
51) Chlorobenzene	9.443	112	149975	5.297	ug/L	98
52) Ethylbenzene	9.565	91	245844	5.369	ug/L	97
53) m,p-Xylene	9.690	106	97914	5.580	ug/L	93
54) o-Xylene	10.095	106	95206	5.623	ug/L	97
55) Styrene	10.111	104	151577	5.472	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	46590	5.344	ug/L	97
59) Bromoform	10.285	173	24363	5.580	ug/L	96
60) Isopropylbenzene	10.478	105	245316	5.313	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	31177	5.265	ug/L	98
62) 1,3,5-Trimethylbenzene	11.082	105	195736	5.215	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	198725	5.232	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	161948	7.019	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	142273	6.102	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	170042	7.980	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	6701	5.492	ug/L	93
69) 1,3,5-Trichlorobenzene	13.214	180	84545	5.117	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	70582	4.693	ug/L	99
71) Naphthalene	14.082	128	110148	4.143	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	62743	4.675	ug/L	98

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

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[illegible]