

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
 Data File : VU052577.D
 Acq On : 27 Dec 2022 20:09
 Operator : JC/MD
 Sample : N6171-14MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD1MS

Quant Time: Dec 28 01:25:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 28 01:18:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	189365	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	177747	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	94568	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	58384	3.043	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.800%
7) Chloroethane-d5	1.916	69	58006	3.506	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.200%
11) 1,1-Dichloroethene-d2	2.565	65	27953	3.386	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.800%
20) 2-Butanone-d5	4.629	46	325962	54.791	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.580%
24) Chloroform-d	5.060	84	135855	4.197	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
26) 1,2-Dichloroethane-d4	5.697	65	81058	4.317	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
32) Benzene-d6	5.723	84	267855	4.395	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.687	67	95965	4.575	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.893	98	232717	4.549	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	8.176	79	35260	4.909	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.629	63	244228	62.144	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.280%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	91034	5.111	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	12.189	152	87476	4.543	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	70545	4.187	ug/L	99
3) Chloromethane	1.520	50	108081	4.444	ug/L	100
5) Vinyl chloride	1.604	62	94886	4.304	ug/L	95
6) Bromomethane	1.858	94	40994	3.262	ug/L	98
8) Chloroethane	1.935	64	60045	3.976	ug/L	98
9) Trichlorofluoromethane	2.141	101	108196	4.340	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	63672	4.297	ug/L	99
12) 1,1-Dichloroethene	2.581	96	60329	4.254	ug/L	91
13) Acetone	2.652	43	183999	41.954	ug/L	99
14) Carbon disulfide	2.794	76	193909	4.243	ug/L	100
15) Methyl Acetate	2.958	43	48610	5.031	ug/L	100
16) Methylene chloride	3.044	84	83023	4.144	ug/L	99
17) Methyl tert-butyl Ether	3.359	73	187941	4.964	ug/L	97
18) trans-1,2-Dichloroethene	3.353	96	65530	4.483	ug/L	97
19) 1,1-Dichloroethane	3.864	63	145056	4.563	ug/L	99
21) 2-Butanone	4.710	43	320510	49.621	ug/L	96
22) cis-1,2-Dichloroethene	4.662	96	77129	4.808	ug/L	96
23) Bromochloromethane	4.970	128	36298	4.883	ug/L	93
25) Chloroform	5.083	83	136457	4.431	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	98915	4.649	ug/L	100
29) 1,1,1-Trichloroethane	5.311	97	107127	4.788	ug/L	99
30) Cyclohexane	5.388	56	124904	5.167	ug/L	97
31) Carbon tetrachloride	5.520	117	87944	4.474	ug/L	98
33) Benzene	5.771	78	309769	4.838	ug/L	100
34) Trichloroethene	6.539	95	73633	4.920	ug/L	99
35) Methylcyclohexane	6.761	83	112364	4.979	ug/L	97
37) 1,2-Dichloropropane	6.787	63	87498	4.898	ug/L	100
38) Bromodichloromethane	7.102	83	102662	4.721	ug/L	100
39) cis-1,3-Dichloropropene	7.604	75	115124	5.088	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	732798	56.131	ug/L	98
42) Toluene	7.964	91	310713	5.062	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	104795	5.256	ug/L	99
45) 1,1,2-Trichloroethane	8.395	97	62012	4.901	ug/L	98
47) Tetrachloroethene	8.549	164	58071	5.558	ug/L	97
48) 2-Hexanone	8.681	43	534544	54.319	ug/L	99
49) Dibromochloromethane	8.803	129	67981	5.074	ug/L	96
50) 1,2-Dibromoethane	8.919	107	58128	5.054	ug/L	100
51) Chlorobenzene	9.443	112	191427	4.883	ug/L	97
52) Ethylbenzene	9.565	91	317579	4.999	ug/L	99
53) m,p-Xylene	9.690	106	128635	5.491	ug/L	94
54) o-Xylene	10.095	106	128707	5.732	ug/L	99
55) Styrene	10.108	104	207676	5.316	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	89547	5.119	ug/L	99
59) Bromoform	10.285	173	37992	4.573	ug/L	99
60) Isopropylbenzene	10.478	105	303673	4.954	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	65099	4.800	ug/L	99
62) 1,3,5-Trimethylbenzene	11.083	105	247531	4.897	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	251953	4.951	ug/L	100
64) 1,3-Dichlorobenzene	11.739	146	143845	4.730	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	145249	4.618	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	138656	4.614	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.989	75	15087	4.914	ug/L	97
69) 1,3,5-Trichlorobenzene	13.214	180	99823	4.458	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	87218	4.629	ug/L	98
71) Naphthalene	14.079	128	194691	5.106	ug/L	100
72) 1,2,3-Trichlorobenzene	14.324	180	85913	4.549	ug/L	99

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

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