

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122722\
 Data File : VU052578.D
 Acq On : 27 Dec 2022 20:31
 Operator : JC/MD
 Sample : N6171-15MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD1MSD

Quant Time: Dec 28 01:25:59 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	6.244	114	190505	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	179040	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	94252	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	59073	3.061	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.200%
7) Chloroethane-d5	1.916	69	58090	3.490	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.800%
11) 1,1-Dichloroethene-d2	2.568	65	27217	3.277	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.600%
20) 2-Butanone-d5	4.633	46	321167	53.662	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.320%
24) Chloroform-d	5.057	84	138269	4.246	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
26) 1,2-Dichloroethane-d4	5.697	65	80393	4.256	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
32) Benzene-d6	5.723	84	266844	4.347	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.684	67	96717	4.577	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.893	98	233318	4.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	8.176	79	37051	5.121	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.400%
46) 2-Hexanone-d5	8.629	63	244055	61.652	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.300%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	91341	5.091	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	12.185	152	88138	4.593	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	72494	4.276	ug/L	99
3) Chloromethane	1.520	50	109511	4.476	ug/L	99
5) Vinyl chloride	1.604	62	96792	4.364	ug/L	96
6) Bromomethane	1.858	94	41449	3.278	ug/L	100
8) Chloroethane	1.935	64	61427	4.044	ug/L	96
9) Trichlorofluoromethane	2.141	101	107815	4.299	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	64372	4.318	ug/L	98
12) 1,1-Dichloroethene	2.581	96	62025	4.347	ug/L	93
13) Acetone	2.655	43	184109	41.728	ug/L	98
14) Carbon disulfide	2.793	76	198260	4.313	ug/L	100
15) Methyl Acetate	2.954	43	49371	5.079	ug/L	99
16) Methylene chloride	3.044	84	83709	4.153	ug/L	98
17) Methyl tert-butyl Ether	3.359	73	192066	5.043	ug/L	97
18) trans-1,2-Dichloroethene	3.353	96	65773	4.473	ug/L	96
19) 1,1-Dichloroethane	3.867	63	147544	4.614	ug/L	99
21) 2-Butanone	4.713	43	315762	48.594	ug/L	97
22) cis-1,2-Dichloroethene	4.662	96	78205	4.846	ug/L	97
23) Bromochloromethane	4.970	128	34712	4.642	ug/L	98
25) Chloroform	5.083	83	139750	4.511	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	102251	4.777	ug/L	99
29) 1,1,1-Trichloroethane	5.311	97	109098	4.841	ug/L	98
30) Cyclohexane	5.385	56	125499	5.154	ug/L	99
31) Carbon tetrachloride	5.523	117	89994	4.545	ug/L	99
33) Benzene	5.771	78	315762	4.896	ug/L	100
34) Trichloroethene	6.539	95	73406	4.869	ug/L	98
35) Methylcyclohexane	6.758	83	114302	5.028	ug/L	97
37) 1,2-Dichloropropane	6.787	63	88958	4.943	ug/L	99
38) Bromodichloromethane	7.102	83	102697	4.689	ug/L	100
39) cis-1,3-Dichloropropene	7.604	75	114542	5.026	ug/L	98
40) 4-Methyl-2-pentanone	7.787	43	734644	55.866	ug/L	98
42) Toluene	7.964	91	319401	5.166	ug/L	98
44) trans-1,3-Dichloropropene	8.205	75	103985	5.178	ug/L	99
45) 1,1,2-Trichloroethane	8.395	97	62179	4.879	ug/L	96
47) Tetrachloroethene	8.549	164	56484	5.367	ug/L	98
48) 2-Hexanone	8.681	43	535026	53.976	ug/L	99
49) Dibromochloromethane	8.806	129	68524	5.077	ug/L	99
50) 1,2-Dibromoethane	8.919	107	58333	5.035	ug/L	99
51) Chlorobenzene	9.443	112	195732	4.957	ug/L	99
52) Ethylbenzene	9.565	91	326549	5.103	ug/L	98
53) m,p-Xylene	9.690	106	128995	5.467	ug/L	98
54) o-Xylene	10.095	106	131585	5.817	ug/L	97
55) Styrene	10.108	104	213668	5.430	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	88788	5.039	ug/L	97
59) Bromoform	10.285	173	38800	4.685	ug/L	99
60) Isopropylbenzene	10.478	105	315441	5.164	ug/L	99
61) 1,2,3-Trichloropropane	10.816	75	64805	4.794	ug/L	99
62) 1,3,5-Trimethylbenzene	11.083	105	256976	5.100	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	262468	5.175	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	150955	4.981	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	148248	4.729	ug/L	99
67) 1,2-Dichlorobenzene	12.205	146	145440	4.856	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.989	75	14773	4.828	ug/L	99
69) 1,3,5-Trichlorobenzene	13.214	180	106371	4.766	ug/L	100
70) 1,2,4-trichlorobenzene	13.835	180	93276	4.967	ug/L	98
71) Naphthalene	14.082	128	201252	5.296	ug/L	100
72) 1,2,3-Trichlorobenzene	14.324	180	91526	4.862	ug/L	99

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

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