

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050180.D
 Acq On : 09 Aug 2022 13:42
 Operator : SY/MD
 Sample : N4070-14MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJL3MSD

Quant Time: Aug 10 04:47:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 09 03:59:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.305	114	84020	5.000	ug/L	0.05
28) Chlorobenzene-d5	9.433	117	85887	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.816	152	40682	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.623	65	37373	5.345	ug/L	0.03
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.000%
7) Chloroethane-d5	1.961	69	32485	5.758	ug/L	0.05
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.200%
11) 1,1-Dichloroethene-d2	2.613	65	15296	5.597	ug/L	0.05
Spiked Amount	5.000	Range	60 - 125	Recovery	=	112.000%
20) 2-Butanone-d5	4.710	46	84263	49.418	ug/L	0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.840%
24) Chloroform-d	5.109	84	72975	5.611	ug/L	0.05
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.200%
26) 1,2-Dichloroethane-d4	5.777	65	36620	5.484	ug/L	0.07
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.600%
32) Benzene-d6	5.797	84	139312	5.198	ug/L	0.07
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
36) 1,2-Dichloropropane-d6	6.742	67	48203	5.461	ug/L	0.05
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.200%
41) Toluene-d8	7.925	98	127988	5.407	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.200%
43) trans-1,3-Dichloroprop...	8.205	79	16268	5.144	ug/L	0.03
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.800%
46) 2-Hexanone-d5	8.658	63	69996	62.408	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.820%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	41260	5.323	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	12.198	152	40199	5.043	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.395	85	39926	5.183	ug/L	99
3) Chloromethane	1.540	50	51359	5.097	ug/L	99
5) Vinyl chloride	1.626	62	46702	5.174	ug/L	98
6) Bromomethane	1.903	94	25888	4.493	ug/L	97
8) Chloroethane	1.983	64	29411	5.530	ug/L	98
9) Trichlorofluoromethane	2.189	101	52834	5.345	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.626	101	27784	5.053	ug/L	99
12) 1,1-Dichloroethene	2.626	96	29359	5.055	ug/L	96
13) Acetone	2.697	43	37774	39.779	ug/L	92
14) Carbon disulfide	2.832	76	97965	4.723	ug/L	100
15) Methyl Acetate	3.009	43	12706	4.901	ug/L	96
16) Methylene chloride	3.089	84	37025	4.172	ug/L	93
17) Methyl tert-butyl Ether	3.433	73	88678	5.850	ug/L	99
18) trans-1,2-Dichloroethene	3.398	96	32428	4.987	ug/L	87
19) 1,1-Dichloroethane	3.925	63	67112	5.450	ug/L	98
21) 2-Butanone	4.790	43	75775	44.376	ug/L	96
22) cis-1,2-Dichloroethene	4.707	96	86459	11.979	ug/L	95
23) Bromochloromethane	5.015	128	18077	5.240	ug/L	98
25) Chloroform	5.134	83	68942	5.251	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.867	62	44596	5.582	ug/L	99
29) 1,1,1-Trichloroethane	5.366	97	53129	5.042	ug/L	98
30) Cyclohexane	5.436	56	43072	4.692	ug/L	99
31) Carbon tetrachloride	5.581	117	43267	5.010	ug/L	99
33) Benzene	5.842	78	152811	5.078	ug/L	100
34) Trichloroethene	6.591	95	1419196	195.002	ug/L	97
35) Methylcyclohexane	6.806	83	48060	5.116	ug/L	100
37) 1,2-Dichloropropane	6.838	63	41043	5.120	ug/L	99
38) Bromodichloromethane	7.147	83	50286	5.165	ug/L	99
39) cis-1,3-Dichloropropene	7.639	75	51174	4.892	ug/L	98
40) 4-Methyl-2-pentanone	7.829	43	247018	53.207	ug/L	98
42) Toluene	7.996	91	158875	5.264	ug/L	98
44) trans-1,3-Dichloropropene	8.234	75	44594	4.971	ug/L	99
45) 1,1,2-Trichloroethane	8.424	97	31014	5.176	ug/L	97
47) Tetrachloroethene	8.571	164	25915	4.970	ug/L	97
48) 2-Hexanone	8.710	43	201841	56.211	ug/L	96
49) Dibromochloromethane	8.829	129	34135	5.147	ug/L	97
50) 1,2-Dibromoethane	8.944	107	28514	5.248	ug/L	100
51) Chlorobenzene	9.462	112	94207	4.961	ug/L	98
52) Ethylbenzene	9.584	91	141390	4.801	ug/L	99
53) m,p-Xylene	9.706	106	54964	5.068	ug/L	99
54) o-Xylene	10.112	106	54465	5.031	ug/L	100
55) Styrene	10.124	104	89955	4.974	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	41413	5.260	ug/L	99
59) Bromoform	10.301	173	19398	4.755	ug/L	97
60) Isopropylbenzene	10.491	105	131079	4.825	ug/L	99
61) 1,2,3-Trichloropropane	10.829	75	27489	4.960	ug/L	98
62) 1,3,5-Trimethylbenzene	11.092	105	34598	4.507	ug/L	98
63) 1,2,4-Trimethylbenzene	11.472	105	96515	4.615	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	66513	4.857	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	64964	4.875	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	66560	5.019	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	6330	5.825	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	45149	4.628	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	35655	4.824	ug/L	99
71) Naphthalene	14.089	128	72928	4.812	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	37529	5.009	ug/L	98

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

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