

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072522\
 Data File : VU049879.D
 Acq On : 25 Jul 2022 20:09
 Operator : SY/MD
 Sample : N3879-04MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUF3MSD

Quant Time: Jul 26 05:37:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 26 05:33:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	89668	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	84403	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	41343	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	33754	4.650	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.909	69	28018	4.612	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.565	65	14481	4.469	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	4.633	46	139500	53.408	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.820%
24) Chloroform-d	5.064	84	80866	5.002	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.703	65	45748	4.825	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.729	84	142483	4.954	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.694	67	50180	5.050	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.900	98	123774	4.923	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	8.182	79	16996	4.711	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.636	63	78814	55.135	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.260%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	44492	5.332	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	43312	5.076	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	52321	5.527	ug/L	100
3) Chloromethane	1.520	50	52107	4.474	ug/L	99
5) Vinyl chloride	1.601	62	49139	5.046	ug/L	98
6) Bromomethane	1.855	94	20986	3.985	ug/L	94
8) Chloroethane	1.932	64	26099	4.651	ug/L	97
9) Trichlorofluoromethane	2.134	101	63073	5.268	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	33820	5.776	ug/L	96
12) 1,1-Dichloroethene	2.578	96	29135	4.917	ug/L	91
13) Acetone	2.642	43	70044	44.584	ug/L	96
14) Carbon disulfide	2.790	76	88128	4.808	ug/L	99
15) Methyl Acetate	2.958	43	13730	3.505	ug/L	99
16) Methylene chloride	3.044	84	36931	2.763	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	83939	4.373	ug/L	98
18) trans-1,2-Dichloroethene	3.350	96	31636	4.619	ug/L	94
19) 1,1-Dichloroethane	3.871	63	69423	4.690	ug/L	99
21) 2-Butanone	4.713	43	120831	45.348	ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	259325	32.692	ug/L	96
23) Bromochloromethane	4.977	128	17613	4.971	ug/L	96
25) Chloroform	5.089	83	69516	4.427	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	47967	4.447	ug/L	97
29) 1,1,1-Trichloroethane	5.318	97	60179	5.079	ug/L	98
30) Cyclohexane	5.392	56	54857	5.718	ug/L	100
31) Carbon tetrachloride	5.527	117	50104	5.208	ug/L	96
33) Benzene	5.774	78	148747	4.857	ug/L	100
34) Trichloroethene	6.543	95	61454	8.276	ug/L	98
35) Methylcyclohexane	6.765	83	50457	5.509	ug/L	99
37) 1,2-Dichloropropane	6.793	63	40175	4.602	ug/L	100
38) Bromodichloromethane	7.105	83	49714	4.559	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	51182	4.449	ug/L	93
40) 4-Methyl-2-pentanone	7.793	43	279528	45.910	ug/L	100
42) Toluene	7.970	91	148887	4.860	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	44325	4.463	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	28105	4.512	ug/L	98
47) Tetrachloroethene	8.552	164	27023	5.286	ug/L	99
48) 2-Hexanone	8.687	43	215304	47.379	ug/L	98
49) Dibromochloromethane	8.809	129	31653	4.546	ug/L	88
50) 1,2-Dibromoethane	8.925	107	25949	4.690	ug/L	97
51) Chlorobenzene	9.446	112	91847	4.723	ug/L	99
52) Ethylbenzene	9.571	91	149271	4.739	ug/L	98
53) m,p-Xylene	9.694	106	55045	4.751	ug/L	99
54) o-Xylene	10.099	106	55382	4.837	ug/L	95
55) Styrene	10.115	104	90417	4.662	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	37744	4.690	ug/L	98
59) Bromoform	10.292	173	18841	5.236	ug/L	97
60) Isopropylbenzene	10.485	105	146380	5.352	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	27015	4.904	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	115018	4.977	ug/L	99
63) 1,2,4-Trimethylbenzene	11.469	105	112550	5.018	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	65706	4.859	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	62027	4.636	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	64734	4.846	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.999	75	5930	4.812	ug/L	92
69) 1,3,5-Trichlorobenzene	13.221	180	47219	4.730	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	37404	4.462	ug/L	98
71) Naphthalene	14.086	128	72309	4.425	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	38272	4.750	ug/L	99

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

