

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051242.D
 Acq On : 08 Oct 2022 01:10
 Operator : JC/MD
 Sample : N4900-06MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXFT0MSD

Quant Time: Oct 08 04:31:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 08 00:50:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	152901	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	168259	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	78763	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	57066	4.627	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.600%
7) Chloroethane-d5	1.906	69	54291	5.123	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.400%
11) 1,1-Dichloroethene-d2	2.562	65	21559	4.422	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.400%
20) 2-Butanone-d5	4.620	46	163649	60.266	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.540%
24) Chloroform-d	5.060	84	130432	5.672	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.400%
26) 1,2-Dichloroethane-d4	5.700	65	68560	5.782	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.600%
32) Benzene-d6	5.726	84	236502	5.109	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
36) 1,2-Dichloropropane-d6	6.690	67	82997	5.280	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.600%
41) Toluene-d8	7.896	98	222881	5.382	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.600%
43) trans-1,3-Dichloroprop...	8.179	79	27610	5.346	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.000%
46) 2-Hexanone-d5	8.629	63	97401	55.957	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.920%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	74094	5.900	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	72164	5.271	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	58230	4.669	ug/L	100
3) Chloromethane	1.520	50	93037	5.312	ug/L	98
5) Vinyl chloride	1.601	62	88941	5.178	ug/L	96
6) Bromomethane	1.848	94	57636	6.161	ug/L	99
8) Chloroethane	1.928	64	59663	5.446	ug/L	99
9) Trichlorofluoromethane	2.134	101	96979	4.898	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	55587	4.677	ug/L	98
12) 1,1-Dichloroethene	2.578	96	53611	4.808	ug/L	90
13) Acetone	2.623	43	124574	61.166	ug/L	98
14) Carbon disulfide	2.790	76	171817	5.031	ug/L	99
15) Methyl Acetate	2.948	43	27490	5.552	ug/L	99
16) Methylene chloride	3.041	84	79433	4.824	ug/L	93
17) Methyl tert-butyl Ether	3.359	73	144795	5.669	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	61604	5.252	ug/L	97
19) 1,1-Dichloroethane	3.867	63	139984	5.783	ug/L	97
21) 2-Butanone	4.700	43	193555	60.302	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	74795	5.756	ug/L	97
23) Bromochloromethane	4.970	128	37215	6.003	ug/L	97
25) Chloroform	5.086	83	145725	5.763	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	91035	6.011	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	102995	5.109	ug/L	98
30) Cyclohexane	5.385	56	64893	3.795	ug/L	97
31) Carbon tetrachloride	5.523	117	82985	4.864	ug/L	99
33) Benzene	5.771	78	301987	5.376	ug/L	100
34) Trichloroethene	6.539	95	68423	4.883	ug/L	97
35) Methylcyclohexane	6.761	83	65197	3.688	ug/L	96
37) 1,2-Dichloropropane	6.790	63	83902	5.450	ug/L	99
38) Bromodichloromethane	7.105	83	103491	5.635	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	95553	5.163	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	474718	58.770	ug/L	98
42) Toluene	7.967	91	319658	5.361	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	86228	5.388	ug/L	96
45) 1,1,2-Trichloroethane	8.398	97	62712	5.801	ug/L	97
47) Tetrachloroethene	8.552	164	47532	4.613	ug/L	98
48) 2-Hexanone	8.681	43	371272	61.731	ug/L	98
49) Dibromochloromethane	8.809	129	67887	5.593	ug/L	100
50) 1,2-Dibromoethane	8.922	107	56269	5.848	ug/L	99
51) Chlorobenzene	9.446	112	194750	5.467	ug/L	99
52) Ethylbenzene	9.568	91	264353	4.934	ug/L	98
53) m,p-Xylene	9.693	106	101534	4.886	ug/L	98
54) o-Xylene	10.099	106	104751	5.327	ug/L	95
55) Styrene	10.111	104	178968	5.288	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	83980	6.276	ug/L	97
59) Bromoform	10.288	173	36613	5.588	ug/L	98
60) Isopropylbenzene	10.481	105	246602	4.943	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	58214	5.853	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	62266	4.705	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	174705	4.668	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	134226	5.439	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	129182	5.311	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	132834	5.537	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	11474	6.031	ug/L	93
69) 1,3,5-Trichlorobenzene	13.217	180	84056	4.942	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	61455	5.084	ug/L	97
71) Naphthalene	14.086	128	110626	4.923	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	63885	5.109	ug/L	98

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

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