

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110322\
 Data File : VU051746.D
 Acq On : 03 Nov 2022 20:21
 Operator : JC/MD
 Sample : N5407-14MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW4Z2MS

Quant Time: Nov 04 00:54:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 04 00:49:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	184438	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	198926	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	113896	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	57233	4.120	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.400%
7) Chloroethane-d5	1.909	69	55144	3.806	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.200%
11) 1,1-Dichloroethene-d2	2.565	65	23907	4.742	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.800%
20) 2-Butanone-d5	4.620	46	186764	37.125	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.240%
24) Chloroform-d	5.060	84	141796	4.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.700	65	69775	3.974	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
32) Benzene-d6	5.726	84	259540	4.134	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.687	67	85994	3.918	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.400%
41) Toluene-d8	7.896	98	235745	4.775	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	8.176	79	30320	4.517	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.629	63	161348	39.934	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.860%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	85793	4.265	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	89333	4.273	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	105227	5.217	ug/L	99
3) Chloromethane	1.527	50	97185	3.822	ug/L	99
5) Vinyl chloride	1.600	62	121541	4.990	ug/L #	52
6) Bromomethane	1.851	94	15530	1.345	ug/L	96
8) Chloroethane	1.932	64	76166	5.150	ug/L	87
9) Trichlorofluoromethane	2.137	101	146986	5.497	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	87579	5.571	ug/L	98
12) 1,1-Dichloroethene	2.578	96	81914	5.109	ug/L	97
13) Acetone	2.620	43	151608	59.396	ug/L	99
14) Carbon disulfide	2.790	76	257235	4.977	ug/L	99
15) Methyl Acetate	2.948	43	35203	5.268	ug/L	97
16) Methylene chloride	3.044	84	102323	3.896	ug/L	97
17) Methyl tert-butyl Ether	3.362	73	191083	5.197	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	87184	5.067	ug/L	98
19) 1,1-Dichloroethane	3.867	63	170319	5.366	ug/L	100
21) 2-Butanone	4.700	43	234379	58.635	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	98740	5.186	ug/L	97
23) Bromochloromethane	4.973	128	47652	5.352	ug/L	99
25) Chloroform	5.086	83	180168	5.472	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	107153	5.288	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	138153	5.115	ug/L	99
30) Cyclohexane	5.385	56	117144	4.710	ug/L	98
31) Carbon tetrachloride	5.523	117	116866	5.059	ug/L	99
33) Benzene	5.771	78	393842	5.017	ug/L	100
34) Trichloroethene	6.539	95	90645	4.785	ug/L	99
35) Methylcyclohexane	6.761	83	122239	4.667	ug/L	97
37) 1,2-Dichloropropane	6.790	63	103701	5.136	ug/L	100
38) Bromodichloromethane	7.105	83	128422	5.207	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	125078	4.829	ug/L	100
40) 4-Methyl-2-pentanone	7.787	43	560974	55.392	ug/L	99
42) Toluene	7.967	91	429566	5.328	ug/L	97
44) trans-1,3-Dichloropropene	8.208	75	111239	5.139	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	79242	5.356	ug/L	99
47) Tetrachloroethene	8.552	164	71372	4.919	ug/L	97
48) 2-Hexanone	8.681	43	420319	56.070	ug/L	99
49) Dibromochloromethane	8.806	129	87725	5.190	ug/L	99
50) 1,2-Dibromoethane	8.922	107	72189	5.408	ug/L #	95
51) Chlorobenzene	9.446	112	257105	5.067	ug/L	98
52) Ethylbenzene	9.568	91	389516	5.007	ug/L	99
53) m,p-Xylene	9.693	106	155623	5.151	ug/L	97
54) o-Xylene	10.099	106	149536	5.064	ug/L	98
55) Styrene	10.111	104	257636	5.219	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	100742	5.491	ug/L	99
59) Bromoform	10.288	173	51140	4.859	ug/L	99
60) Isopropylbenzene	10.481	105	381163	4.584	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	69303	4.705	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	93431	4.174	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	274944	4.260	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	198766	4.802	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	200705	4.836	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	189512	4.700	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.992	75	14366	4.737	ug/L	93
69) 1,3,5-Trichlorobenzene	13.217	180	135942	4.607	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	109083	4.816	ug/L	96
71) Naphthalene	14.086	128	177408	4.196	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	105492	4.612	ug/L	98

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

