

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111122\
 Data File : VU051826.D
 Acq On : 11 Nov 2022 19:48
 Operator : JC/MD
 Sample : N5593-13MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AE2MS

Quant Time: Nov 12 01:24:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 12 01:22:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	212116	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	210826	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	102338	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	64602	4.044	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.800%
7) Chloroethane-d5	1.906	69	62549	3.754	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.000%
11) 1,1-Dichloroethene-d2	2.562	65	26278	4.532	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.600%
20) 2-Butanone-d5	4.620	46	223828	38.687	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.380%
24) Chloroform-d	5.060	84	152701	4.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
26) 1,2-Dichloroethane-d4	5.700	65	78091	3.867	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.400%
32) Benzene-d6	5.726	84	291394	4.380	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.690	67	98921	4.252	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.896	98	266283	5.090	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	8.179	79	34383	4.834	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.629	63	201670	47.096	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.200%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	97813	4.588	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	95328	5.075	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	95930	4.135	ug/L	99
3) Chloromethane	1.526	50	104943	3.589	ug/L	99
5) Vinyl chloride	1.600	62	112046	4.000	ug/L	88
6) Bromomethane	1.845	94	44597	3.358	ug/L	99
8) Chloroethane	1.928	64	69329	4.076	ug/L	100
9) Trichlorofluoromethane	2.134	101	141305	4.595	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	88189	4.878	ug/L	98
12) 1,1-Dichloroethene	2.578	96	141843	7.692	ug/L	92
13) Acetone	2.623	43	162508	55.358	ug/L	99
14) Carbon disulfide	2.790	76	187370	3.152	ug/L	100
15) Methyl Acetate	2.948	43	38164	4.966	ug/L	96
16) Methylene chloride	3.044	84	103618	3.431	ug/L	99
17) Methyl tert-butyl Ether	3.362	73	211766	5.008	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	82435	4.165	ug/L	99
19) 1,1-Dichloroethane	3.867	63	183390	5.024	ug/L	98
21) 2-Butanone	4.697	43	274996	59.819	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	126685	5.785	ug/L	98
23) Bromochloromethane	4.973	128	48648	4.751	ug/L	98
25) Chloroform	5.086	83	197644	5.219	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	110984	4.762	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	143559	5.015	ug/L	100
30) Cyclohexane	5.385	56	107099	4.063	ug/L	98
31) Carbon tetrachloride	5.523	117	117790	4.811	ug/L	98
33) Benzene	5.771	78	386314	4.643	ug/L	100
34) Trichloroethene	6.539	95	457663	22.794	ug/L	100
35) Methylcyclohexane	6.761	83	117210	4.222	ug/L	99
37) 1,2-Dichloropropane	6.790	63	108673	5.078	ug/L	100
38) Bromodichloromethane	7.105	83	135756	5.194	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	132851	4.839	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	666933	62.137	ug/L	100
42) Toluene	7.967	91	409077	4.788	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	120538	5.254	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	86345	5.506	ug/L	99
47) Tetrachloroethene	8.552	164	895485	58.235	ug/L	95
48) 2-Hexanone	8.681	43	494191	62.203	ug/L	99
49) Dibromochloromethane	8.806	129	98444	5.495	ug/L	99
50) 1,2-Dibromoethane	8.922	107	75871	5.363	ug/L	96
51) Chlorobenzene	9.446	112	264435	4.917	ug/L	98
52) Ethylbenzene	9.568	91	382384	4.638	ug/L	98
53) m,p-Xylene	9.693	106	151247	4.723	ug/L	98
54) o-Xylene	10.098	106	150069	4.795	ug/L	98
55) Styrene	10.111	104	197153	3.768	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	117597	6.048	ug/L	98
59) Bromoform	10.288	173	57020	6.030	ug/L	98
60) Isopropylbenzene	10.481	105	381107	5.101	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	80103	6.053	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	93357	4.642	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	268934	4.637	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	193190	5.194	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	191689	5.140	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	192581	5.316	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	17101	6.276	ug/L	89
69) 1,3,5-Trichlorobenzene	13.217	180	121946	4.600	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	95616	4.698	ug/L	97
71) Naphthalene	14.085	128	183302	4.825	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	100020	4.867	ug/L	99

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

