

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
 Data File : VU052599.D
 Acq On : 28 Dec 2022 19:50
 Operator : JC/MD
 Sample : N6216-02MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AA1MS

Quant Time: Dec 29 00:29:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 29 00:24:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	160862	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	159238	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	83835	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	46755	2.869	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.400%
7) Chloroethane-d5	1.916	69	50934	3.624	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.400%
11) 1,1-Dichloroethene-d2	2.568	65	23395	3.336	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.800%
20) 2-Butanone-d5	4.642	46	325227	64.353	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.700%
24) Chloroform-d	5.060	84	126729	4.609	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.697	65	75102	4.709	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.726	84	230578	4.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	6.687	67	86200	4.587	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.893	98	195680	4.270	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	8.176	79	30938	4.808	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.632	63	234437	66.587	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	133.180%#
56) 1,1,2,2-Tetrachloroeth...	10.751	84	89518	5.610	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.200%
66) 1,2-Dichlorobenzene-d4	12.189	152	77739	4.555	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	68304	4.772	ug/L	99
3) Chloromethane	1.523	50	107761	5.216	ug/L	100
5) Vinyl chloride	1.607	62	90310	4.822	ug/L	94
6) Bromomethane	1.861	94	38122	3.571	ug/L	97
8) Chloroethane	1.935	64	58661	4.573	ug/L	97
9) Trichlorofluoromethane	2.141	101	103745	4.899	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	61531	4.888	ug/L	99
12) 1,1-Dichloroethene	2.581	96	59060	4.902	ug/L	91
13) Acetone	2.665	43	182922	49.099	ug/L	96
14) Carbon disulfide	2.793	76	184940	4.764	ug/L	99
15) Methyl Acetate	2.957	43	45837	5.585	ug/L	99
16) Methylene chloride	3.044	84	76978	4.523	ug/L	98
17) Methyl tert-butyl Ether	3.363	73	170994	5.317	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	63503	5.115	ug/L	99
19) 1,1-Dichloroethane	3.867	63	141456	5.239	ug/L	99
21) 2-Butanone	4.723	43	310898	56.662	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	70882	5.202	ug/L	97
23) Bromochloromethane	4.970	128	33737	5.343	ug/L	99
25) Chloroform	5.083	83	137118	5.241	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	94154	5.209	ug/L	100
29) 1,1,1-Trichloroethane	5.311	97	104019	5.190	ug/L	99
30) Cyclohexane	5.385	56	106437	4.914	ug/L	99
31) Carbon tetrachloride	5.523	117	85167	4.836	ug/L	99
33) Benzene	5.771	78	291417	5.081	ug/L	100
34) Trichloroethene	6.539	95	65086	4.854	ug/L	97
35) Methylcyclohexane	6.758	83	97845	4.839	ug/L	98
37) 1,2-Dichloropropane	6.787	63	84728	5.294	ug/L	100
38) Bromodichloromethane	7.102	83	100340	5.151	ug/L	99
39) cis-1,3-Dichloropropene	7.604	75	103874	5.124	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	705590	60.329	ug/L	99
42) Toluene	7.967	91	292106	5.312	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	97438	5.455	ug/L	97
45) 1,1,2-Trichloroethane	8.394	97	58407	5.153	ug/L	98
47) Tetrachloroethene	8.549	164	46006	4.915	ug/L	98
48) 2-Hexanone	8.681	43	536702	60.878	ug/L	99
49) Dibromochloromethane	8.806	129	67286	5.606	ug/L	100
50) 1,2-Dibromoethane	8.922	107	55279	5.365	ug/L	99
51) Chlorobenzene	9.443	112	176664	5.031	ug/L	98
52) Ethylbenzene	9.565	91	288095	5.062	ug/L	100
53) m,p-Xylene	9.690	106	110972	5.288	ug/L	96
54) o-Xylene	10.095	106	106994	5.319	ug/L	99
55) Styrene	10.111	104	183684	5.248	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.777	83	86943	5.548	ug/L #	98
59) Bromoform	10.285	173	37854	5.139	ug/L	99
60) Isopropylbenzene	10.481	105	275662	5.073	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	61915	5.149	ug/L	98
62) 1,3,5-Trimethylbenzene	11.082	105	217293	4.849	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	222944	4.942	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	137000	5.082	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	139512	5.004	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	133135	4.998	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.989	75	14437	5.304	ug/L	89
69) 1,3,5-Trichlorobenzene	13.214	180	93355	4.703	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	77981	4.668	ug/L	97
71) Naphthalene	14.082	128	159727	4.726	ug/L	98
72) 1,2,3-Trichlorobenzene	14.323	180	79005	4.719	ug/L	98

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

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