

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120922\
 Data File : VU052315.D
 Acq On : 09 Dec 2022 20:34
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005101

Quant Time: Dec 09 22:40:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 04:19:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	263111	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	265844	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	137175	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	108070	4.223	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.400%
7) Chloroethane-d5	1.915	69	90788	4.567	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.568	65	42621	4.646	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.000%
20) 2-Butanone-d5	4.636	46	267201	57.598	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.200%
24) Chloroform-d	5.060	84	189326	5.035	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.700	65	95620	5.034	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.726	84	397940	5.042	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	6.687	67	124453	5.095	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.896	98	371473	5.202	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
43) trans-1,3-Dichloroprop...	8.176	79	43323	4.867	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.632	63	213775	56.674	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.340%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	110408	5.214	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	12.188	152	131725	5.016	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	99474	4.359	ug/L	98
3) Chloromethane	1.520	50	130352	4.377	ug/L	99
5) Vinyl chloride	1.607	62	130572	4.563	ug/L	98
6) Bromomethane	1.861	94	61594	4.195	ug/L	98
8) Chloroethane	1.938	64	79989	4.495	ug/L	98
9) Trichlorofluoromethane	2.141	101	141852	4.506	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	88115	4.578	ug/L	99
12) 1,1-Dichloroethene	2.581	96	89888	4.709	ug/L	95
13) Acetone	2.652	43	168885	53.611	ug/L	100
14) Carbon disulfide	2.796	76	293259	4.438	ug/L	97
15) Methyl Acetate	2.957	43	43975	5.382	ug/L	97
16) Methylene chloride	3.047	84	122351	4.738	ug/L	98
17) Methyl tert-butyl Ether	3.362	73	207379	4.853	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	98444	4.811	ug/L	97
19) 1,1-Dichloroethane	3.870	63	182851	4.959	ug/L	99
21) 2-Butanone	4.716	43	289008	57.240	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	107501	5.006	ug/L	96
23) Bromochloromethane	4.973	128	52004	5.062	ug/L	98
25) Chloroform	5.086	83	182395	4.881	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	114045	4.983	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	142419	4.829	ug/L	99
30) Cyclohexane	5.388	56	134463	4.695	ug/L	98
31) Carbon tetrachloride	5.523	117	114237	4.558	ug/L	99
33) Benzene	5.771	78	427602	4.942	ug/L	100
34) Trichloroethene	6.539	95	100466	4.656	ug/L	95
35) Methylcyclohexane	6.764	83	139646	4.499	ug/L	99
37) 1,2-Dichloropropane	6.790	63	112396	5.017	ug/L	100
38) Bromodichloromethane	7.102	83	135090	4.946	ug/L	99
39) cis-1,3-Dichloropropene	7.603	75	135829	4.723	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	668370	57.120	ug/L	99
42) Toluene	7.967	91	450754	5.065	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	116460	4.729	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	84954	5.047	ug/L	99
47) Tetrachloroethene	8.549	164	77064	4.660	ug/L	96
48) 2-Hexanone	8.680	43	499616	58.242	ug/L	99
49) Dibromochloromethane	8.806	129	94985	5.038	ug/L	99
50) 1,2-Dibromoethane	8.922	107	79551	5.188	ug/L	98
51) Chlorobenzene	9.443	112	278140	4.902	ug/L	99
52) Ethylbenzene	9.568	91	432075	4.994	ug/L	99
53) m,p-Xylene	9.690	106	171854	5.130	ug/L	97
54) o-Xylene	10.098	106	164885	5.135	ug/L	100
55) Styrene	10.111	104	286032	5.274	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.777	83	113290	5.388	ug/L	99
59) Bromoform	10.285	173	56112	4.966	ug/L	96
60) Isopropylbenzene	10.481	105	418150	4.853	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	78401	4.994	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	319704	4.641	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	326511	4.776	ug/L	100
64) 1,3-Dichlorobenzene	11.741	146	213728	4.858	ug/L	98
65) 1,4-Dichlorobenzene	11.831	146	218290	4.975	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	209778	4.951	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	17126	4.985	ug/L	99
69) 1,3,5-Trichlorobenzene	13.214	180	150889	4.837	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	122479	5.155	ug/L	99
71) Naphthalene	14.082	128	230847	5.176	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	124888	5.343	ug/L	99

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

