

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121222\
 Data File : VU052342.D
 Acq On : 12 Dec 2022 10:21
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005103

Quant Time: Dec 12 12:42:22 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	290504	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	283409	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	150844	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	104101	3.684	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.916	69	86452	3.939	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.572	65	41246	4.072	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	4.642	46	270116	52.736	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.480%
24) Chloroform-d	5.063	84	185651	4.471	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.700	65	91164	4.347	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
32) Benzene-d6	5.726	84	378298	4.496	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.687	67	119590	4.593	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.896	98	348983	4.584	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	8.179	79	44214	4.660	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.200%
46) 2-Hexanone-d5	8.632	63	205989	51.225	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.440%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	110079	4.876	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	127837	4.426	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	114671	4.551	ug/L	100
3) Chloromethane	1.523	50	123977	3.770	ug/L	99
5) Vinyl chloride	1.607	62	137035	4.337	ug/L	99
6) Bromomethane	1.861	94	62343	3.845	ug/L	100
8) Chloroethane	1.938	64	83228	4.236	ug/L	96
9) Trichlorofluoromethane	2.141	101	163854	4.714	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	102398	4.819	ug/L	99
12) 1,1-Dichloroethene	2.584	96	98899	4.693	ug/L	82
13) Acetone	2.655	43	187498	53.907	ug/L	97
14) Carbon disulfide	2.797	76	322988	4.427	ug/L	99
15) Methyl Acetate	2.957	43	43855	4.861	ug/L	97
16) Methylene chloride	3.047	84	117133	4.108	ug/L	97
17) Methyl tert-butyl Ether	3.363	73	217676	4.614	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	102665	4.545	ug/L	96
19) 1,1-Dichloroethane	3.871	63	186331	4.577	ug/L	96
21) 2-Butanone	4.719	43	298757	53.592	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	112636	4.751	ug/L	98
23) Bromochloromethane	4.973	128	53056	4.677	ug/L	99
25) Chloroform	5.086	83	188596	4.571	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	116649	4.616	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	154712	4.920	ug/L	98
30) Cyclohexane	5.388	56	153727	5.035	ug/L	98
31) Carbon tetrachloride	5.523	117	128652	4.815	ug/L	98
33) Benzene	5.774	78	440709	4.778	ug/L	100
34) Trichloroethene	6.542	95	109123	4.743	ug/L	97
35) Methylcyclohexane	6.764	83	165520	5.002	ug/L	98
37) 1,2-Dichloropropane	6.790	63	113320	4.745	ug/L	99
38) Bromodichloromethane	7.102	83	141048	4.844	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	148422	4.841	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	663184	53.164	ug/L	99
42) Toluene	7.967	91	470069	4.955	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	131303	5.001	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	88420	4.927	ug/L	99
47) Tetrachloroethene	8.552	164	86737	4.920	ug/L	98
48) 2-Hexanone	8.684	43	511599	55.942	ug/L	99
49) Dibromochloromethane	8.809	129	103124	5.131	ug/L	100
50) 1,2-Dibromoethane	8.922	107	82870	5.070	ug/L	99
51) Chlorobenzene	9.446	112	290251	4.798	ug/L	99
52) Ethylbenzene	9.568	91	457987	4.965	ug/L	98
53) m,p-Xylene	9.693	106	180819	5.063	ug/L	96
54) o-Xylene	10.099	106	173442	5.067	ug/L	96
55) Styrene	10.111	104	298466	5.162	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	116052	5.178	ug/L	98
59) Bromoform	10.288	173	61565	4.955	ug/L	98
60) Isopropylbenzene	10.481	105	457958	4.833	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	79546	4.608	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	344182	4.544	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	348131	4.630	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	231805	4.791	ug/L	96
65) 1,4-Dichlorobenzene	11.832	146	232626	4.821	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	220461	4.732	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	17415	4.610	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	164377	4.791	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	129514	4.958	ug/L	100
71) Naphthalene	14.086	128	226022	4.608	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	122800	4.778	ug/L	98

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

