

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120722\
 Data File : VU052192.D
 Acq On : 07 Dec 2022 10:34
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005094

Quant Time: Dec 08 01:53:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 06 21:24:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	224280	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	219263	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	112625	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	99008	4.538	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.800%
7) Chloroethane-d5	1.912	69	78367	4.625	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.565	65	36681	4.691	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.800%
20) 2-Butanone-d5	4.642	46	187678	47.461	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.920%
24) Chloroform-d	5.060	84	162000	5.054	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.700	65	76667	4.735	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.726	84	325029	4.993	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	6.690	67	101217	5.024	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.896	98	297341	5.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
43) trans-1,3-Dichloroprop...	8.179	79	36498	4.972	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.400%
46) 2-Hexanone-d5	8.636	63	150232	48.289	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.580%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	87431	5.006	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	100213	4.647	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	110689	5.690	ug/L	100
3) Chloromethane	1.523	50	138347	5.450	ug/L	99
5) Vinyl chloride	1.604	62	138472	5.677	ug/L	99
6) Bromomethane	1.858	94	64477	5.151	ug/L	100
8) Chloroethane	1.935	64	81377	5.365	ug/L	97
9) Trichlorofluoromethane	2.138	101	157979	5.888	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	96644	5.891	ug/L	99
12) 1,1-Dichloroethene	2.578	96	91749	5.639	ug/L	89
13) Acetone	2.658	43	152427	56.764	ug/L	99
14) Carbon disulfide	2.793	76	322011	5.717	ug/L	98
15) Methyl Acetate	2.961	43	33530	4.814	ug/L	94
16) Methylene chloride	3.047	84	111132	5.049	ug/L	98
17) Methyl tert-butyl Ether	3.363	73	182211	5.003	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	95224	5.460	ug/L	95
19) 1,1-Dichloroethane	3.867	63	174082	5.538	ug/L	99
21) 2-Butanone	4.719	43	221479	51.460	ug/L	100
22) cis-1,2-Dichloroethene	4.668	96	97217	5.311	ug/L	98
23) Bromochloromethane	4.973	128	49817	5.689	ug/L	96
25) Chloroform	5.086	83	177985	5.588	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	104056	5.334	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	145645	5.987	ug/L	99
30) Cyclohexane	5.388	56	131528	5.568	ug/L	100
31) Carbon tetrachloride	5.523	117	128052	6.195	ug/L	100
33) Benzene	5.774	78	409030	5.732	ug/L	100
34) Trichloroethene	6.542	95	97009	5.450	ug/L	95
35) Methylcyclohexane	6.764	83	146116	5.707	ug/L	98
37) 1,2-Dichloropropane	6.790	63	105840	5.729	ug/L	100
38) Bromodichloromethane	7.105	83	129031	5.728	ug/L	96
39) cis-1,3-Dichloropropene	7.607	75	128074	5.399	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	506955	52.529	ug/L	99
42) Toluene	7.967	91	431087	5.873	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	113627	5.594	ug/L	97
45) 1,1,2-Trichloroethane	8.398	97	76801	5.532	ug/L	97
47) Tetrachloroethene	8.552	164	80639	5.912	ug/L	98
48) 2-Hexanone	8.684	43	388983	54.978	ug/L	99
49) Dibromochloromethane	8.809	129	93762	6.030	ug/L	97
50) 1,2-Dibromoethane	8.922	107	71935	5.688	ug/L	99
51) Chlorobenzene	9.446	112	264574	5.654	ug/L	98
52) Ethylbenzene	9.571	91	396081	5.550	ug/L	98
53) m,p-Xylene	9.693	106	162811	5.892	ug/L	98
54) o-Xylene	10.102	106	154191	5.822	ug/L	95
55) Styrene	10.115	104	267219	5.974	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	99062	5.713	ug/L	98
59) Bromoform	10.288	173	56168	6.055	ug/L	99
60) Isopropylbenzene	10.484	105	392512	5.548	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	66331	5.146	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	289669	5.122	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	292428	5.209	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	202098	5.595	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	196408	5.452	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	191327	5.500	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	14909	5.285	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	134454	5.249	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	99970	5.125	ug/L	99
71) Naphthalene	14.086	128	151705	4.143	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	95847	4.995	ug/L	99

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

