

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102622\
 Data File : VU051536.D
 Acq On : 27 Oct 2022 05:55
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005183

Quant Time: Oct 27 08:28:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 08:11:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	373411	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	364348	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	187863	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	109200	3.625	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.909	69	97970	3.785	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.800%
11) 1,1-Dichloroethene-d2	2.565	65	43055	3.616	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.400%
20) 2-Butanone-d5	4.616	46	311404	46.957	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.920%
24) Chloroform-d	5.060	84	210554	3.749	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.000%
26) 1,2-Dichloroethane-d4	5.700	65	104923	3.623	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.400%
32) Benzene-d6	5.726	84	439371	4.384	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.690	67	138163	4.059	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.200%
41) Toluene-d8	7.896	98	395305	4.408	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	8.179	79	43267	3.869	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.400%
46) 2-Hexanone-d5	8.629	63	274167	72.739	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	145.480%#
56) 1,1,2,2-Tetrachloroeth...	10.754	84	117164	4.309	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	140615	4.306	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	147651	4.847	ug/L	100
3) Chloromethane	1.523	50	162829	3.807	ug/L	98
5) Vinyl chloride	1.600	62	174114	4.150	ug/L #	34
6) Bromomethane	1.848	94	29764	1.303	ug/L	100
8) Chloroethane	1.928	64	107203	4.007	ug/L	91
9) Trichlorofluoromethane	2.134	101	186001	3.847	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	112952	3.892	ug/L	97
12) 1,1-Dichloroethene	2.578	96	117716	4.323	ug/L	86
13) Acetone	2.623	43	200127	40.235	ug/L	96
14) Carbon disulfide	2.790	76	401687	4.816	ug/L	100
15) Methyl Acetate	2.948	43	51568	4.265	ug/L	95
16) Methylene chloride	3.044	84	157849	3.926	ug/L	93
17) Methyl tert-butyl Ether	3.362	73	326960	5.242	ug/L	97
18) trans-1,2-Dichloroethene	3.350	96	132873	4.638	ug/L	95
19) 1,1-Dichloroethane	3.867	63	239249	4.047	ug/L	98
21) 2-Butanone	4.697	43	349447	44.579	ug/L	92
22) cis-1,2-Dichloroethene	4.665	96	161242	5.081	ug/L	95
23) Bromochloromethane	4.970	128	67282	4.444	ug/L	95
25) Chloroform	5.086	83	242541	3.928	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	152803	4.131	ug/L	96
29) 1,1,1-Trichloroethane	5.314	97	197342	4.520	ug/L	95
30) Cyclohexane	5.385	56	195820	5.288	ug/L	100
31) Carbon tetrachloride	5.523	117	159824	4.326	ug/L	98
33) Benzene	5.771	78	718921	5.910	ug/L	100
34) Trichloroethene	6.539	95	140166	4.619	ug/L	96
35) Methylcyclohexane	6.761	83	203589	5.318	ug/L	92
37) 1,2-Dichloropropane	6.790	63	145230	4.356	ug/L	100
38) Bromodichloromethane	7.105	83	178058	4.477	ug/L	98
39) cis-1,3-Dichloropropene	7.603	75	186121	4.645	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	874621	50.004	ug/L	94
42) Toluene	7.967	91	1044323	8.089	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	154733	4.465	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	108893	4.652	ug/L	96
47) Tetrachloroethene	8.552	164	104954	4.704	ug/L	95
48) 2-Hexanone	8.681	43	624937	47.986	ug/L #	97
49) Dibromochloromethane	8.809	129	122921	4.677	ug/L	100
50) 1,2-Dibromoethane	8.922	107	102864	4.937	ug/L	97
51) Chlorobenzene	9.446	112	420845	5.455	ug/L	98
52) Ethylbenzene	9.568	91	696276	6.001	ug/L	96
53) m,p-Xylene	9.690	106	334345	7.430	ug/L	98
54) o-Xylene	10.098	106	270349	6.350	ug/L	94
55) Styrene	10.111	104	414430	5.654	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	140891	4.863	ug/L	97
59) Bromoform	10.288	173	70778	4.529	ug/L	98
60) Isopropylbenzene	10.481	105	625047	5.253	ug/L	98
61) 1,2,3-Trichloropropane	10.819	75	99692	4.203	ug/L	97
62) 1,3,5-Trimethylbenzene	11.086	105	190604	6.038	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	565842	6.339	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	288767	4.906	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	284832	4.910	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	278591	4.869	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.992	75	21068	4.643	ug/L	93
69) 1,3,5-Trichlorobenzene	13.217	180	204897	5.050	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	163894	5.684	ug/L	98
71) Naphthalene	14.085	128	356264	6.647	ug/L	98
72) 1,2,3-Trichlorobenzene	14.327	180	161344	5.409	ug/L	99

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

