

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110322\
 Data File : VU051748.D
 Acq On : 03 Nov 2022 21:12
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005199

Quant Time: Nov 04 02:26:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 04 00:49:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	278396	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	277975	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	145826	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	53287	2.541	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	50.800%
7) Chloroethane-d5	1.909	69	51811	2.369	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	47.400%#
11) 1,1-Dichloroethene-d2	2.562	65	22631	2.974	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.400%#
20) 2-Butanone-d5	4.620	46	195510	25.747	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	51.500%
24) Chloroform-d	5.063	84	134741	2.746	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	55.000%#
26) 1,2-Dichloroethane-d4	5.700	65	66956	2.526	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	50.600%#
32) Benzene-d6	5.726	84	249315	2.842	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	56.800%#
36) 1,2-Dichloropropane-d6	6.687	67	83832	2.733	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	54.600%#
41) Toluene-d8	7.896	98	225381	3.267	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.400%#
43) trans-1,3-Dichloroprop...	8.179	79	28954	3.087	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.800%
46) 2-Hexanone-d5	8.629	63	168088	29.771	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	59.540%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	83696	2.978	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	59.600%#
66) 1,2-Dichlorobenzene-d4	12.192	152	87382	3.265	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	65.200%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	97212	3.193	ug/L	99
3) Chloromethane	1.527	50	101823	2.653	ug/L	98
5) Vinyl chloride	1.601	62	119967	3.263	ug/L #	64
6) Bromomethane	1.851	94	16634	0.954	ug/L	90
8) Chloroethane	1.932	64	76925	3.446	ug/L	91
9) Trichlorofluoromethane	2.137	101	136983	3.394	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	80359	3.387	ug/L	97
12) 1,1-Dichloroethene	2.578	96	80794	3.338	ug/L	96
13) Acetone	2.623	43	146211	37.949	ug/L	99
14) Carbon disulfide	2.790	76	254259	3.259	ug/L	99
15) Methyl Acetate	2.948	43	39165	3.883	ug/L	96
16) Methylene chloride	3.044	84	133150	3.359	ug/L	99
17) Methyl tert-butyl Ether	3.362	73	204976	3.693	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	89669	3.452	ug/L	99
19) 1,1-Dichloroethane	3.867	63	173585	3.623	ug/L	97
21) 2-Butanone	4.700	43	250849	41.575	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	99547	3.464	ug/L	98
23) Bromochloromethane	4.973	128	48385	3.601	ug/L	98
25) Chloroform	5.086	83	182555	3.673	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	109176	3.569	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	137807	3.651	ug/L	99
30) Cyclohexane	5.388	56	113563	3.268	ug/L	97
31) Carbon tetrachloride	5.523	117	115141	3.567	ug/L	98
33) Benzene	5.771	78	398389	3.632	ug/L	100
34) Trichloroethene	6.539	95	96401	3.641	ug/L	98
35) Methylcyclohexane	6.761	83	117033	3.197	ug/L	98
37) 1,2-Dichloropropane	6.790	63	106219	3.765	ug/L	100
38) Bromodichloromethane	7.102	83	132137	3.834	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	128740	3.557	ug/L	96
40) 4-Methyl-2-pentanone	7.787	43	600240	42.414	ug/L	100
42) Toluene	7.967	91	427626	3.796	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	114659	3.790	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	80030	3.871	ug/L	98
47) Tetrachloroethene	8.552	164	72301	3.566	ug/L	94
48) 2-Hexanone	8.681	43	451219	43.075	ug/L	100
49) Dibromochloromethane	8.809	129	91597	3.878	ug/L	96
50) 1,2-Dibromoethane	8.922	107	74113	3.973	ug/L	98
51) Chlorobenzene	9.446	112	268033	3.780	ug/L	99
52) Ethylbenzene	9.568	91	406049	3.735	ug/L	99
53) m,p-Xylene	9.693	106	163129	3.864	ug/L	100
54) o-Xylene	10.099	106	155186	3.761	ug/L	99
55) Styrene	10.111	104	280122	4.061	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	105748	4.125	ug/L	100
59) Bromoform	10.288	173	52397	3.889	ug/L	100
60) Isopropylbenzene	10.481	105	396021	3.720	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	74084	3.929	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	98935	3.452	ug/L	97
63) 1,2,4-Trimethylbenzene	11.465	105	292532	3.540	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	206399	3.894	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	212290	3.995	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	199549	3.865	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	15614	4.021	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	145800	3.860	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	118404	4.083	ug/L	99
71) Naphthalene	14.082	128	207729	3.837	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	118225	4.037	ug/L	98

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

