

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051219.D
 Acq On : 07 Oct 2022 15:05
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005165

Quant Time: Oct 08 00:46:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 08 00:36:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	237149	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	239227	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	114696	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	74812	3.911	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.909	69	66844	4.067	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.400%
11) 1,1-Dichloroethene-d2	2.562	65	29552	3.908	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.200%
20) 2-Butanone-d5	4.632	46	205272	48.739	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.480%
24) Chloroform-d	5.063	84	153331	4.299	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.700	65	79218	4.307	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
32) Benzene-d6	5.726	84	299117	4.545	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.690	67	98963	4.428	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.896	98	272523	4.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	8.179	79	35561	4.843	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.800%
46) 2-Hexanone-d5	8.632	63	126879	51.268	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.540%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	81932	4.589	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	87857	4.407	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	77173	3.989	ug/L	100
3) Chloromethane	1.520	50	111280	4.097	ug/L	100
5) Vinyl chloride	1.600	62	108926	4.088	ug/L	97
6) Bromomethane	1.854	94	62313	4.295	ug/L	96
8) Chloroethane	1.932	64	72101	4.243	ug/L	99
9) Trichlorofluoromethane	2.134	101	122501	3.989	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	71974	3.905	ug/L	99
12) 1,1-Dichloroethene	2.575	96	69602	4.025	ug/L	98
13) Acetone	2.645	43	143916	45.559	ug/L	99
14) Carbon disulfide	2.787	76	217676	4.109	ug/L	100
15) Methyl Acetate	2.957	43	36283	4.725	ug/L	97
16) Methylene chloride	3.041	84	105664	4.138	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	177292	4.475	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	79082	4.347	ug/L	96
19) 1,1-Dichloroethane	3.867	63	160961	4.287	ug/L	96
21) 2-Butanone	4.713	43	232059	46.614	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	87974	4.365	ug/L	96
23) Bromochloromethane	4.973	128	41180	4.283	ug/L	96
25) Chloroform	5.086	83	165131	4.211	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	98990	4.214	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	126273	4.405	ug/L	98
30) Cyclohexane	5.385	56	100637	4.139	ug/L	98
31) Carbon tetrachloride	5.523	117	102057	4.208	ug/L	97
33) Benzene	5.774	78	362236	4.536	ug/L	100
34) Trichloroethene	6.542	95	87074	4.371	ug/L	98
35) Methylcyclohexane	6.764	83	102468	4.076	ug/L	98
37) 1,2-Dichloropropane	6.790	63	98181	4.485	ug/L	99
38) Bromodichloromethane	7.105	83	117153	4.486	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	121966	4.635	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	562310	48.963	ug/L	99
42) Toluene	7.967	91	376933	4.446	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	106291	4.672	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	69703	4.535	ug/L	98
47) Tetrachloroethene	8.552	164	61831	4.221	ug/L	96
48) 2-Hexanone	8.684	43	440184	51.477	ug/L	100
49) Dibromochloromethane	8.809	129	76453	4.430	ug/L	99
50) 1,2-Dibromoethane	8.922	107	63307	4.627	ug/L	99
51) Chlorobenzene	9.446	112	226262	4.467	ug/L	98
52) Ethylbenzene	9.568	91	341944	4.489	ug/L	99
53) m,p-Xylene	9.693	106	133413	4.516	ug/L	97
54) o-Xylene	10.098	106	130635	4.673	ug/L	96
55) Styrene	10.115	104	228944	4.757	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	86171	4.530	ug/L	98
59) Bromoform	10.291	173	41411	4.340	ug/L	99
60) Isopropylbenzene	10.484	105	321903	4.431	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	63403	4.378	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	80797	4.193	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	236702	4.343	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	159495	4.439	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	160912	4.543	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	156447	4.478	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	13271	4.790	ug/L	90
69) 1,3,5-Trichlorobenzene	13.217	180	112515	4.543	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	84520	4.801	ug/L	96
71) Naphthalene	14.085	128	152817	4.670	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	84810	4.657	ug/L	99

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

