

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
 Data File : VU051605.D
 Acq On : 31 Oct 2022 10:58
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005189

Quant Time: Nov 01 01:22:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 29 00:39:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	211358	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	214925	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	112810	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	77103	4.844	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.800%
7) Chloroethane-d5	1.912	69	82253	4.954	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	2.565	65	28245	4.889	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.800%
20) 2-Butanone-d5	4.629	46	314681	54.585	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.160%
24) Chloroform-d	5.063	84	180063	4.834	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.700	65	94900	4.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.726	84	315616	4.653	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.690	67	114599	4.832	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.896	98	255088	4.783	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	8.179	79	35680	4.920	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.400%
46) 2-Hexanone-d5	8.632	63	242259	55.496	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.000%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	112134	5.160	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	95578	4.616	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	139144	6.020	ug/L	100
3) Chloromethane	1.523	50	136496	4.684	ug/L	98
5) Vinyl chloride	1.604	62	150479	5.391	ug/L #	70
6) Bromomethane	1.858	94	40918	3.092	ug/L	94
8) Chloroethane	1.932	64	93631	5.524	ug/L	94
9) Trichlorofluoromethane	2.137	101	179795	5.868	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	108254	6.010	ug/L	98
12) 1,1-Dichloroethene	2.578	96	101923	5.547	ug/L	98
13) Acetone	2.642	43	171470	58.621	ug/L	98
14) Carbon disulfide	2.793	76	330765	5.584	ug/L	100
15) Methyl Acetate	2.954	43	41505	5.420	ug/L	97
16) Methylene chloride	3.044	84	153341	5.095	ug/L	98
17) Methyl tert-butyl Ether	3.362	73	221717	5.262	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	106356	5.393	ug/L	96
19) 1,1-Dichloroethane	3.867	63	196543	5.404	ug/L	99
21) 2-Butanone	4.710	43	270493	59.050	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	117518	5.386	ug/L	98
23) Bromochloromethane	4.973	128	55839	5.473	ug/L	97
25) Chloroform	5.086	83	203335	5.389	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	123057	5.299	ug/L	95
29) 1,1,1-Trichloroethane	5.314	97	165455	5.670	ug/L	99
30) Cyclohexane	5.388	56	155767	5.797	ug/L	99
31) Carbon tetrachloride	5.523	117	143488	5.749	ug/L	98
33) Benzene	5.774	78	460591	5.431	ug/L	100
34) Trichloroethene	6.542	95	110954	5.421	ug/L	97
35) Methylcyclohexane	6.764	83	170080	6.010	ug/L	99
37) 1,2-Dichloropropane	6.790	63	117722	5.396	ug/L	100
38) Bromodichloromethane	7.105	83	146288	5.490	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	149549	5.344	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	629961	57.573	ug/L	99
42) Toluene	7.970	91	489830	5.623	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	132321	5.657	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	88583	5.541	ug/L	99
47) Tetrachloroethene	8.552	164	89572	5.714	ug/L	94
48) 2-Hexanone	8.684	43	485115	59.897	ug/L	99
49) Dibromochloromethane	8.809	129	100554	5.506	ug/L	99
50) 1,2-Dibromoethane	8.922	107	81686	5.664	ug/L	98
51) Chlorobenzene	9.446	112	296440	5.407	ug/L	99
52) Ethylbenzene	9.568	91	463775	5.518	ug/L	100
53) m,p-Xylene	9.693	106	183540	5.622	ug/L	95
54) o-Xylene	10.098	106	178842	5.606	ug/L	98
55) Styrene	10.115	104	313660	5.881	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.780	83	113240	5.713	ug/L	98
59) Bromoform	10.291	173	58153	5.579	ug/L	98
60) Isopropylbenzene	10.484	105	461936	5.609	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	78814	5.403	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	114873	5.181	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	341152	5.337	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	228364	5.570	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	224225	5.455	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	217578	5.448	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	16473	5.484	ug/L	93
69) 1,3,5-Trichlorobenzene	13.217	180	157763	5.398	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	117671	5.245	ug/L	98
71) Naphthalene	14.085	128	211312	5.046	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	119593	5.279	ug/L	100

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

