

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120722\
 Data File : VU052235.D
 Acq On : 08 Dec 2022 07:23
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005096

Quant Time: Dec 08 07:43:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 04:19:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	253873	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	250982	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	137419	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	99791	4.041	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.800%
7) Chloroethane-d5	1.916	69	85348	4.450	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.569	65	37996	4.293	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.800%
20) 2-Butanone-d5	4.636	46	262513	58.647	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.300%
24) Chloroform-d	5.061	84	180675	4.979	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.700	65	90217	4.923	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.726	84	363309	4.876	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.687	67	117553	5.098	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.896	98	326739	4.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	8.176	79	38674	4.602	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.633	63	212486	59.668	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.340%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	108030	5.403	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	119800	4.553	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	105663	4.799	ug/L	100
3) Chloromethane	1.520	50	129364	4.502	ug/L	99
5) Vinyl chloride	1.604	62	136281	4.936	ug/L	96
6) Bromomethane	1.861	94	37445	2.643	ug/L	96
8) Chloroethane	1.938	64	81611	4.753	ug/L	97
9) Trichlorofluoromethane	2.141	101	151111	4.975	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.582	101	90906	4.895	ug/L	99
12) 1,1-Dichloroethene	2.582	96	92142	5.003	ug/L	89
13) Acetone	2.652	43	163518	53.796	ug/L	100
14) Carbon disulfide	2.797	76	313586	4.919	ug/L	99
15) Methyl Acetate	2.958	43	42254	5.359	ug/L	100
16) Methylene chloride	3.048	84	119836	4.810	ug/L	98
17) Methyl tert-butyl Ether	3.363	73	201490	4.887	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	99012	5.015	ug/L	99
19) 1,1-Dichloroethane	3.868	63	181655	5.105	ug/L	99
21) 2-Butanone	4.716	43	273936	56.229	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	106704	5.150	ug/L	99
23) Bromochloromethane	4.974	128	53769	5.424	ug/L	99
25) Chloroform	5.086	83	185037	5.132	ug/L	95

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27) 1,2-Dichloroethane	5.790	62	115454	5.228	ug/L	99
29) 1,1,1-Trichloroethane	5.315	97	144829	5.201	ug/L	98
30) Cyclohexane	5.388	56	138060	5.106	ug/L	98
31) Carbon tetrachloride	5.524	117	123597	5.224	ug/L	100
33) Benzene	5.771	78	431550	5.283	ug/L	100
34) Trichloroethene	6.540	95	101859	5.000	ug/L	97
35) Methylcyclohexane	6.761	83	143511	4.897	ug/L	99
37) 1,2-Dichloropropane	6.787	63	113217	5.353	ug/L	100
38) Bromodichloromethane	7.102	83	134912	5.232	ug/L	98
39) cis-1,3-Dichloropropene	7.604	75	127095	4.681	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	640528	57.982	ug/L	99
42) Toluene	7.967	91	450673	5.364	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	111763	4.807	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	84467	5.315	ug/L	97
47) Tetrachloroethene	8.549	164	79399	5.085	ug/L	97
48) 2-Hexanone	8.681	43	478798	59.120	ug/L	99
49) Dibromochloromethane	8.806	129	97753	5.492	ug/L	98
50) 1,2-Dibromoethane	8.919	107	80307	5.547	ug/L	97
51) Chlorobenzene	9.443	112	281231	5.250	ug/L	100
52) Ethylbenzene	9.568	91	430112	5.266	ug/L	99
53) m,p-Xylene	9.691	106	172042	5.439	ug/L	97
54) o-Xylene	10.099	106	166109	5.479	ug/L	92
55) Styrene	10.112	104	283436	5.536	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.777	83	111180	5.601	ug/L	97
59) Bromoform	10.289	173	57302	5.063	ug/L	97
60) Isopropylbenzene	10.482	105	419630	4.862	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	75573	4.805	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	318698	4.619	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	325618	4.754	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	215275	4.884	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	219241	4.988	ug/L	100
67) 1,2-Dichlorobenzene	12.208	146	212637	5.010	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.993	75	16751	4.867	ug/L	98
69) 1,3,5-Trichlorobenzene	13.215	180	149094	4.771	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	122345	5.141	ug/L	98
71) Naphthalene	14.083	128	207312	4.640	ug/L	99
72) 1,2,3-Trichlorobenzene	14.324	180	119975	5.124	ug/L	99

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

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