

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110323\
 Data File : VU056079.D
 Acq On : 03 Nov 2023 14:16
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005134

Quant Time: Nov 04 01:41:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 04 01:40:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	352758	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	342016	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	165903	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	98050	3.514	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.200%
7) Chloroethane-d5	1.914	69	85808	3.945	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.567	65	44385	3.747	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.000%
20) 2-Butanone-d5	4.637	46	250677	50.355	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.720%
24) Chloroform-d	5.062	84	222081	4.295	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
26) 1,2-Dichloroethane-d4	5.698	65	102357	4.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
32) Benzene-d6	5.724	84	437526	4.295	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.689	67	135557	4.488	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.894	98	391665	4.238	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	8.177	79	50802	4.301	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.631	63	197808	65.969	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.940%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	102423	4.657	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	135784	4.387	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.387	85	83290	4.143	ug/L	98
3) Chloromethane	1.518	50	72190	3.761	ug/L	92
5) Vinyl chloride	1.605	62	83910	3.969	ug/L	98
6) Bromomethane	1.859	94	53665	4.097	ug/L	96
8) Chloroethane	1.936	64	53525	4.320	ug/L	95
9) Trichlorofluoromethane	2.139	101	132192	4.533	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	92608	4.834	ug/L	97
12) 1,1-Dichloroethene	2.579	96	79283	4.637	ug/L	87
13) Acetone	2.650	43	124391	43.848	ug/L	96
14) Carbon disulfide	2.795	76	170767	3.901	ug/L	99
15) Methyl Acetate	2.959	43	29764	5.150	ug/L	96
16) Methylene chloride	3.046	84	102132	5.272	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	200409	4.830	ug/L	99
18) trans-1,2-Dichloroethene	3.354	96	80425	4.744	ug/L	98
19) 1,1-Dichloroethane	3.865	63	165231	4.800	ug/L	99
21) 2-Butanone	4.718	43	193073	46.298	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	98721	4.810	ug/L	91
23) Bromochloromethane	4.972	128	43432	5.194	ug/L	90
25) Chloroform	5.084	83	187470	5.080	ug/L	100

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27) 1,2-Dichloroethane	5.795	62	99119	4.571	ug/L	96
29) 1,1,1-Trichloroethane	5.312	97	153292	4.918	ug/L	98
30) Cyclohexane	5.386	56	118678	4.512	ug/L	99
31) Carbon tetrachloride	5.521	117	131641	4.951	ug/L	100
33) Benzene	5.772	78	366944	4.862	ug/L	100
34) Trichloroethene	6.541	95	99167	4.697	ug/L	98
35) Methylcyclohexane	6.759	83	129385	4.540	ug/L	96
37) 1,2-Dichloropropane	6.788	63	98063	4.893	ug/L	99
38) Bromodichloromethane	7.103	83	128958	5.126	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	138344	4.846	ug/L	96
40) 4-Methyl-2-pentanone	7.788	43	459299	47.543	ug/L	97
42) Toluene	7.968	91	395645	5.016	ug/L	100
44) trans-1,3-Dichloropropene	8.209	75	112579	4.885	ug/L	99
45) 1,1,2-Trichloroethane	8.399	97	72304	5.131	ug/L	97
47) Tetrachloroethene	8.550	164	73989	5.004	ug/L	96
48) 2-Hexanone	8.682	43	354608	46.684	ug/L	99
49) Dibromochloromethane	8.807	129	81975	5.299	ug/L	99
50) 1,2-Dibromoethane	8.920	107	64258	5.026	ug/L	98
51) Chlorobenzene	9.444	112	255757	4.947	ug/L	99
52) Ethylbenzene	9.569	91	425686	4.761	ug/L	97
53) m,p-Xylene	9.692	106	159706	4.779	ug/L	99
54) o-Xylene	10.097	106	157272	4.810	ug/L	97
55) Styrene	10.113	104	264447	5.045	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	84866	5.203	ug/L	97
59) Bromoform	10.286	173	46733	5.537	ug/L	99
60) Isopropylbenzene	10.483	105	426925	5.164	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	58431	5.130	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	338153	5.005	ug/L	99
63) 1,2,4-Trimethylbenzene	11.466	105	327911	5.224	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	197874	5.049	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	190500	4.871	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	184538	5.129	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	11124	5.473	ug/L	94
69) 1,3,5-Trichlorobenzene	13.216	180	134096	5.007	ug/L	97
70) 1,2,4-trichlorobenzene	13.839	180	101457	5.126	ug/L	98
71) Naphthalene	14.084	128	141290	4.929	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	85918	5.035	ug/L	98

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

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