

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
 Data File : VU055544.D
 Acq On : 27 Sep 2023 03:08
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005146

Quant Time: Sep 27 06:38:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 06:19:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	258342	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	266130	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	155629	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	95451	3.656	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.200%
7) Chloroethane-d5	1.911	69	67472	2.932	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	58.600%#
11) 1,1-Dichloroethene-d2	2.563	65	45039	4.191	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.800%
20) 2-Butanone-d5	4.627	46	198880	42.170	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.340%
24) Chloroform-d	5.058	84	199217	4.218	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	5.698	65	91142	4.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
32) Benzene-d6	5.724	84	399727	4.294	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.688	67	122256	4.396	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.894	98	366235	4.317	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	8.177	79	43674	4.475	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.631	63	128152	43.166	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.340%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	93631	4.492	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	134624	4.286	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	123752	4.920	ug/L	99
3) Chloromethane	1.515	50	103263	4.667	ug/L	100
5) Vinyl chloride	1.602	62	112276	4.703	ug/L	97
6) Bromomethane	1.856	94	47226	3.115	ug/L	98
8) Chloroethane	1.930	64	56648	3.637	ug/L	96
9) Trichlorofluoromethane	2.136	101	150694	4.552	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	104378	5.182	ug/L	96
12) 1,1-Dichloroethene	2.576	96	96282	5.330	ug/L	89
13) Acetone	2.637	43	128038	47.627	ug/L	96
14) Carbon disulfide	2.792	76	305382	5.624	ug/L	99
15) Methyl Acetate	2.949	43	39175	6.391	ug/L	96
16) Methylene chloride	3.039	84	137200	6.340	ug/L	97
17) Methyl tert-butyl Ether	3.357	73	212534	5.424	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	98236	5.396	ug/L	98
19) 1,1-Dichloroethane	3.865	63	181831	5.401	ug/L	97
21) 2-Butanone	4.708	43	210408	53.363	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	115656	5.479	ug/L	98
23) Bromochloromethane	4.972	128	50016	5.606	ug/L	97
25) Chloroform	5.084	83	196067	5.500	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	110061	5.034	ug/L #	92
29) 1,1,1-Trichloroethane	5.312	97	170593	5.623	ug/L	97
30) Cyclohexane	5.386	56	149760	5.392	ug/L	100
31) Carbon tetrachloride	5.521	117	146435	5.631	ug/L	97
33) Benzene	5.769	78	425679	5.557	ug/L	100
34) Trichloroethene	6.537	95	115370	5.325	ug/L	96
35) Methylcyclohexane	6.759	83	157698	5.053	ug/L	97
37) 1,2-Dichloropropane	6.788	63	106240	5.303	ug/L	98
38) Bromodichloromethane	7.103	83	131828	5.616	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	147989	5.535	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	493689	54.329	ug/L	96
42) Toluene	7.965	91	451025	5.520	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	118053	5.519	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	78895	5.617	ug/L	99
47) Tetrachloroethene	8.550	164	89291	5.745	ug/L	98
48) 2-Hexanone	8.682	43	365355	51.878	ug/L	96
49) Dibromochloromethane	8.807	129	86171	5.853	ug/L	94
50) 1,2-Dibromoethane	8.920	107	73748	5.658	ug/L	96
51) Chlorobenzene	9.444	112	283786	5.423	ug/L	97
52) Ethylbenzene	9.566	91	485520	5.543	ug/L	97
53) m,p-Xylene	9.692	106	185903	5.664	ug/L	98
54) o-Xylene	10.097	106	181014	5.672	ug/L	98
55) Styrene	10.113	104	303568	5.883	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.778	83	92475	5.832	ug/L	99
59) Bromoform	10.286	173	50956	6.109	ug/L	98
60) Isopropylbenzene	10.483	105	485950	5.418	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	65162	5.364	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	388251	5.413	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	375071	5.342	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	235197	5.477	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	228538	5.325	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	218283	5.544	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	11994	5.696	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	159919	5.408	ug/L	100
70) 1,2,4-trichlorobenzene	13.839	180	119857	5.316	ug/L	99
71) Naphthalene	14.084	128	158223	4.847	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	105324	5.369	ug/L	99

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

