

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112223\
 Data File : VU056599.D
 Acq On : 22 Nov 2023 19:28
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005174

Quant Time: Nov 23 03:44:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 22 00:29:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	269496	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	263422	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	140234	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	98933	4.908	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.200%
7) Chloroethane-d5	1.904	69	81537	5.276	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.600%
11) 1,1-Dichloroethene-d2	2.560	65	42256	4.750	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.000%
20) 2-Butanone-d5	4.618	46	223593	55.628	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.260%
24) Chloroform-d	5.055	84	201467	5.167	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	5.695	65	96346	5.348	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.000%
32) Benzene-d6	5.721	84	378498	4.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.685	67	111421	4.710	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.891	98	335356	4.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	8.174	79	45231	4.986	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.800%
46) 2-Hexanone-d5	8.627	63	195109	54.728	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.460%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	85862	5.080	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	114583	4.423	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	92533	4.334	ug/L	97
3) Chloromethane	1.515	50	91764	4.205	ug/L	98
5) Vinyl chloride	1.602	62	93751	4.459	ug/L	98
6) Bromomethane	1.849	94	37554	3.529	ug/L	96
8) Chloroethane	1.927	64	64400	5.014	ug/L	95
9) Trichlorofluoromethane	2.132	101	145792	4.812	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	85427	4.749	ug/L	99
12) 1,1-Dichloroethene	2.576	96	75793	4.594	ug/L	93
13) Acetone	2.624	43	128947	37.667	ug/L	99
14) Carbon disulfide	2.788	76	206495	3.847	ug/L	99
15) Methyl Acetate	2.946	43	30743	5.046	ug/L	99
16) Methylene chloride	3.039	84	101847	4.665	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	208027	5.190	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	79299	4.672	ug/L	96
19) 1,1-Dichloroethane	3.862	63	171310	5.095	ug/L	98
21) 2-Butanone	4.695	43	211277	47.562	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	98265	5.105	ug/L	98
23) Bromochloromethane	4.968	128	41811	5.277	ug/L	94
25) Chloroform	5.081	83	191120	5.246	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	113939	5.509	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	162658	5.379	ug/L	98
30) Cyclohexane	5.380	56	114282	3.982	ug/L	99
31) Carbon tetrachloride	5.518	117	131813	5.075	ug/L	99
33) Benzene	5.769	78	378904	5.041	ug/L	100
34) Trichloroethene	6.537	95	97870	4.779	ug/L	97
35) Methylcyclohexane	6.756	83	114686	3.879	ug/L	97
37) 1,2-Dichloropropane	6.785	63	98291	5.015	ug/L	99
38) Bromodichloromethane	7.100	83	128457	5.076	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	138680	4.815	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	493339	50.774	ug/L	99
42) Toluene	7.965	91	392373	5.042	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	120788	5.261	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	72019	5.517	ug/L	96
47) Tetrachloroethene	8.550	164	66548	4.819	ug/L	98
48) 2-Hexanone	8.679	43	384573	50.805	ug/L	98
49) Dibromochloromethane	8.804	129	83379	5.617	ug/L	98
50) 1,2-Dibromoethane	8.920	107	64061	5.198	ug/L	96
51) Chlorobenzene	9.441	112	248676	4.973	ug/L	99
52) Ethylbenzene	9.566	91	415695	4.811	ug/L	100
53) m,p-Xylene	9.692	106	159293	5.014	ug/L	97
54) o-Xylene	10.097	106	152371	4.938	ug/L	99
55) Styrene	10.110	104	269916	5.259	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	85532	5.366	ug/L	99
59) Bromoform	10.286	173	45141	5.168	ug/L	99
60) Isopropylbenzene	10.479	105	407755	4.509	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	61218	5.088	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	338300	4.556	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	342493	4.673	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	203715	4.952	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	198010	4.798	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	185322	4.910	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	11845	4.609	ug/L	91
69) 1,3,5-Trichlorobenzene	13.212	180	142059	4.586	ug/L	100
70) 1,2,4-trichlorobenzene	13.836	180	112944	4.477	ug/L	97
71) Naphthalene	14.084	128	171166	4.491	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	102057	4.911	ug/L	96

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

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