

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121324\
 Data File : VU062298.D
 Acq On : 13 Dec 2024 08:43
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005185

Quant Time: Dec 14 03:37:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 13 00:13:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	97703	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	92135	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	47500	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	23586	3.579	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.600%
7) Chloroethane-d5	1.911	69	19767	4.217	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.563	65	12199	3.891	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.800%
20) 2-Butanone-d5	4.631	46	64487	51.059	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.120%
24) Chloroform-d	5.052	84	65021	4.559	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.695	65	32357	4.614	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.718	84	107806	4.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
36) 1,2-Dichloropropane-d6	6.682	67	32435	4.272	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.891	98	100278	4.000	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	8.171	79	14496	4.337	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.627	63	47581	47.191	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.380%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28615	4.843	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	12.183	152	39321	4.492	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	47510	5.191	ug/L	97
3) Chloromethane	1.515	50	35063	4.888	ug/L	100
5) Vinyl chloride	1.602	62	39447	5.281	ug/L	100
6) Bromomethane	1.856	94	24593	4.940	ug/L	100
8) Chloroethane	1.933	64	22843	5.460	ug/L	96
9) Trichlorofluoromethane	2.132	101	69958	5.396	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	38204	5.414	ug/L	91
12) 1,1-Dichloroethene	2.573	96	33259	5.042	ug/L	90
13) Acetone	2.653	43	47974	55.788	ug/L	99
14) Carbon disulfide	2.788	76	100395	4.813	ug/L	100
15) Methyl Acetate	2.959	43	11284	5.236	ug/L	98
16) Methylene chloride	3.039	84	35036	5.059	ug/L	93
17) Methyl tert-butyl Ether	3.354	73	84001	5.112	ug/L	96
18) trans-1,2-Dichloroethene	3.348	96	34509	5.091	ug/L	95
19) 1,1-Dichloroethane	3.859	63	63625	5.121	ug/L	98
21) 2-Butanone	4.714	43	67923	54.389	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	39684	5.223	ug/L	97
23) Bromochloromethane	4.965	128	18142	5.448	ug/L	# 79
25) Chloroform	5.078	83	73733	5.269	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	45408	5.106	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	70691	5.454	ug/L	94
30) Cyclohexane	5.380	56	53534	5.094	ug/L	95
31) Carbon tetrachloride	5.515	117	64335	5.413	ug/L	99
33) Benzene	5.766	78	145283	5.088	ug/L	100
34) Trichloroethene	6.534	95	42599	5.267	ug/L	98
35) Methylcyclohexane	6.753	83	62794	5.236	ug/L	96
37) 1,2-Dichloropropane	6.779	63	36040	5.183	ug/L	100
38) Bromodichloromethane	7.097	83	51686	5.269	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	57963	5.201	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	170419	52.296	ug/L #	92
42) Toluene	7.962	91	161679	5.251	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	48871	5.370	ug/L	95
45) 1,1,2-Trichloroethane	8.389	97	27880	5.311	ug/L	96
47) Tetrachloroethene	8.547	164	33725	5.401	ug/L	94
48) 2-Hexanone	8.676	43	123103	51.116	ug/L #	95
49) Dibromochloromethane	8.801	129	34857	5.496	ug/L	97
50) 1,2-Dibromoethane	8.914	107	27104	5.374	ug/L	98
51) Chlorobenzene	9.438	112	104455	5.295	ug/L	96
52) Ethylbenzene	9.560	91	184392	5.342	ug/L	96
53) m,p-Xylene	9.685	106	68752	5.395	ug/L	97
54) o-Xylene	10.090	106	66134	5.336	ug/L	100
55) Styrene	10.106	104	109967	5.382	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.772	83	31967	5.233	ug/L #	97
59) Bromoform	10.280	173	20764	5.562	ug/L	99
60) Isopropylbenzene	10.476	105	186582	5.438	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	22946	5.224	ug/L	95
62) 1,3,5-Trimethylbenzene	11.077	105	156183	5.379	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	154277	5.423	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	85643	5.433	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	83532	5.263	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	77587	5.327	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	5138	5.363	ug/L	86
69) 1,3,5-Trichlorobenzene	13.209	180	63730	5.439	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	45326	4.900	ug/L	98
71) Naphthalene	14.081	128	56816	4.090	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	37688	4.620	ug/L	99

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

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