

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121824\
 Data File : VU062444.D
 Acq On : 19 Dec 2024 00:53
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005195

Quant Time: Dec 19 01:13:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 19 00:12:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	83532	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	81431	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42586	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	22366	3.970	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.400%
7) Chloroethane-d5	1.908	69	18313	4.570	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.557	65	11539	4.305	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.000%
20) 2-Butanone-d5	4.624	46	58533	54.207	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.420%
24) Chloroform-d	5.052	84	62657	5.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	5.692	65	32511	5.422	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.400%
32) Benzene-d6	5.718	84	103193	4.400	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.682	67	29909	4.457	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.888	98	101415	4.577	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	8.174	79	13896	4.704	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.624	63	46832	52.554	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.100%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	27167	5.203	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	40268	5.131	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.380	85	36327	4.643	ug/L	97
3) Chloromethane	1.515	50	27637	4.506	ug/L	99
5) Vinyl chloride	1.599	62	29192	4.571	ug/L	97
6) Bromomethane	1.853	94	21550	5.063	ug/L	100
8) Chloroethane	1.927	64	17803	4.978	ug/L	100
9) Trichlorofluoromethane	2.129	101	59522	5.370	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	27344	4.533	ug/L #	90
12) 1,1-Dichloroethene	2.573	96	26480	4.695	ug/L	92
13) Acetone	2.644	43	42792	58.204	ug/L	98
14) Carbon disulfide	2.785	76	74384	4.171	ug/L	99
15) Methyl Acetate	2.952	43	9539	5.177	ug/L #	84
16) Methylene chloride	3.036	84	30090	5.082	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	77723	5.532	ug/L	96
18) trans-1,2-Dichloroethene	3.345	96	29893	5.159	ug/L	87
19) 1,1-Dichloroethane	3.859	63	52849	4.976	ug/L	97
21) 2-Butanone	4.705	43	61558	57.654	ug/L	91
22) cis-1,2-Dichloroethene	4.657	96	32529	5.008	ug/L	94
23) Bromochloromethane	4.965	128	16344	5.740	ug/L #	77
25) Chloroform	5.078	83	65259	5.454	ug/L	98

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27) 1,2-Dichloroethane	5.785	62	41952	5.518	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	61822	5.397	ug/L	93
30) Cyclohexane	5.380	56	36160	3.893	ug/L	88
31) Carbon tetrachloride	5.512	117	55244	5.259	ug/L	99
33) Benzene	5.763	78	120190	4.763	ug/L	100
34) Trichloroethene	6.531	95	36721	5.137	ug/L	92
35) Methylcyclohexane	6.753	83	41819	3.946	ug/L	95
37) 1,2-Dichloropropane	6.779	63	29711	4.835	ug/L	100
38) Bromodichloromethane	7.097	83	45483	5.246	ug/L #	98
39) cis-1,3-Dichloropropene	7.602	75	48050	4.878	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	156686	54.402	ug/L #	91
42) Toluene	7.959	91	134279	4.935	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	41633	5.176	ug/L	97
45) 1,1,2-Trichloroethane	8.390	97	25353	5.465	ug/L	96
47) Tetrachloroethene	8.544	164	28239	5.116	ug/L	97
48) 2-Hexanone	8.676	43	117330	55.122	ug/L #	90
49) Dibromochloromethane	8.801	129	32759	5.844	ug/L	97
50) 1,2-Dibromoethane	8.914	107	25423	5.703	ug/L #	91
51) Chlorobenzene	9.438	112	88727	5.089	ug/L	98
52) Ethylbenzene	9.563	91	148719	4.875	ug/L	99
53) m,p-Xylene	9.685	106	56802	5.043	ug/L	92
54) o-Xylene	10.090	106	56710	5.177	ug/L	99
55) Styrene	10.107	104	94333	5.224	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	30691	5.684	ug/L #	97
59) Bromoform	10.283	173	20590	6.152	ug/L #	98
60) Isopropylbenzene	10.476	105	154006	5.006	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	21720	5.516	ug/L	94
62) 1,3,5-Trimethylbenzene	11.081	105	130145	4.999	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	125032	4.902	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	74300	5.258	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	73659	5.176	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	70554	5.403	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	5852	6.813	ug/L	92
69) 1,3,5-Trichlorobenzene	13.209	180	56865	5.413	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	46380	5.592	ug/L	99
71) Naphthalene	14.081	128	70052	5.625	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	41283	5.644	ug/L	99

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

