

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020625\
 Data File : VU063210.D
 Acq On : 06 Feb 2025 21:09
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005133

Quant Time: Feb 07 07:34:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 07 07:28:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	76598	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	73866	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	34078	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17092	3.901	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.000%
7) Chloroethane-d5	1.901	69	18226	4.482	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.554	65	7835	4.006	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	4.605	46	68151	47.249	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.500%
24) Chloroform-d	5.046	84	48102	4.966	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.689	65	24468	4.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.714	84	88487	4.593	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.676	67	29875	4.703	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.888	98	76989	4.523	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	8.171	79	10640	4.470	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.621	63	52746	44.032	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.060%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	26222	4.677	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	27693	4.867	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	35183	5.302	ug/L	99
3) Chloromethane	1.518	50	39244	5.398	ug/L	99
5) Vinyl chloride	1.599	62	40559	5.511	ug/L	98
6) Bromomethane	1.840	94	17789	4.808	ug/L	97
8) Chloroethane	1.920	64	24612	5.552	ug/L	98
9) Trichlorofluoromethane	2.129	101	45940	5.558	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	27130	5.339	ug/L	98
12) 1,1-Dichloroethene	2.570	96	27973	5.618	ug/L	86
13) Acetone	2.612	43	45702	50.316	ug/L	100
14) Carbon disulfide	2.782	76	93034	5.322	ug/L	99
15) Methyl Acetate	2.940	43	13159	5.305	ug/L	97
16) Methylene chloride	3.030	84	32949	5.532	ug/L	98
17) Methyl tert-butyl Ether	3.348	73	73130	5.330	ug/L	99
18) trans-1,2-Dichloroethene	3.342	96	30024	5.640	ug/L	99
19) 1,1-Dichloroethane	3.853	63	59807	5.588	ug/L	98
21) 2-Butanone	4.686	43	77901	51.656	ug/L	96
22) cis-1,2-Dichloroethene	4.650	96	34371	5.787	ug/L	96
23) Bromochloromethane	4.959	128	15232	5.717	ug/L	96
25) Chloroform	5.075	83	60516	5.745	ug/L	100

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27) 1,2-Dichloroethane	5.779	62	39631	5.710	ug/L	100
29) 1,1,1-Trichloroethane	5.300	97	48665	5.566	ug/L	99
30) Cyclohexane	5.374	56	44288	4.786	ug/L	99
31) Carbon tetrachloride	5.512	117	40022	5.425	ug/L	99
33) Benzene	5.759	78	133593	5.496	ug/L	100
34) Trichloroethene	6.531	95	33037	5.351	ug/L	98
35) Methylcyclohexane	6.750	83	44970	4.861	ug/L	100
37) 1,2-Dichloropropane	6.779	63	35532	5.481	ug/L	100
38) Bromodichloromethane	7.091	83	42549	5.466	ug/L	98
39) cis-1,3-Dichloropropene	7.595	75	48356	5.230	ug/L	99
40) 4-Methyl-2-pentanone	7.775	43	193756	50.634	ug/L	99
42) Toluene	7.959	91	140873	5.545	ug/L	98
44) trans-1,3-Dichloropropene	8.200	75	39511	5.105	ug/L	97
45) 1,1,2-Trichloroethane	8.386	97	25334	5.291	ug/L	97
47) Tetrachloroethene	8.544	164	23539	5.429	ug/L	97
48) 2-Hexanone	8.669	43	133553	49.471	ug/L	98
49) Dibromochloromethane	8.798	129	27448	5.446	ug/L	99
50) 1,2-Dibromoethane	8.914	107	23552	5.363	ug/L	98
51) Chlorobenzene	9.438	112	83084	5.417	ug/L	98
52) Ethylbenzene	9.560	91	141957	5.342	ug/L	100
53) m,p-Xylene	9.682	106	53891	5.622	ug/L	97
54) o-Xylene	10.090	106	51929	5.463	ug/L	99
55) Styrene	10.103	104	88025	5.626	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.769	83	32360	5.265	ug/L	97
59) Bromoform	10.280	173	15830	5.388	ug/L	99
60) Isopropylbenzene	10.473	105	134010	5.538	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	21588	5.249	ug/L	100
62) 1,3,5-Trimethylbenzene	11.078	105	105217	5.512	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	102899	5.606	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	61510	5.610	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	59865	5.431	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	58469	5.707	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	4513	5.485	ug/L	92
69) 1,3,5-Trichlorobenzene	13.209	180	41512	5.541	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	31286	5.308	ug/L	99
71) Naphthalene	14.081	128	43794	4.527	ug/L	98
72) 1,2,3-Trichlorobenzene	14.319	180	28590	5.429	ug/L	93

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

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