Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020725\
Data File : VU063217.D
Acq On : 07 Feb 2025 12:33
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Feb 10 15:32:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Feb 10 15:31:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	80234	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	77388	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	37838	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	15575	3.394	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 67.800%			
7) Chloroethane-d5	1.901	69	16249	3.815	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 76.200%			
11) 1,1-Dichloroethene-d2	2.554	65	7724	3.770	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 75.400%			
20) 2-Butanone-d5	4.608	46	61213	40.516	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 81.040%			
24) Chloroform-d	5.049	84	44105	4.347	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.000%			
26) 1,2-Dichloroethane-d4	5.689	65	21599	4.139	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.800%			
32) Benzene-d6	5.714	84	79762	3.951	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.000%			
36) 1,2-Dichloropropane-d6	6.679	67	26538	3.988	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 79.800%			
41) Toluene-d8	7.888	98	71079	3.986	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.800%			
43) trans-1,3-Dichloroprop...	8.171	79	9841	3.947	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.000%			
46) 2-Hexanone-d5	8.621	63	46331	36.917	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 73.840%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23933	4.074	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 81.400%			
66) 1,2-Dichlorobenzene-d4	12.184	152	25219	3.991	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 79.800%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	39155	5.633	ug/L	99
3) Chloromethane	1.515	50	39476	5.184	ug/L	98
5) Vinyl chloride	1.599	62	41992	5.448	ug/L	97
6) Bromomethane	1.843	94	19207	4.956	ug/L	96
8) Chloroethane	1.920	64	25435	5.478	ug/L	97
9) Trichlorofluoromethane	2.129	101	49049	5.665	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	30808	5.788	ug/L	98
12) 1,1-Dichloroethene	2.570	96	28394	5.445	ug/L	87
13) Acetone	2.612	43	44431	46.700	ug/L	99
14) Carbon disulfide	2.782	76	97544	5.327	ug/L	100
15) Methyl Acetate	2.940	43	12849	4.945	ug/L	99
16) Methylene chloride	3.033	84	33330	5.343	ug/L	97
17) Methyl tert-butyl Ether	3.348	73	71953	5.007	ug/L	98
18) trans-1,2-Dichloroethene	3.341	96	31032	5.565	ug/L	98
19) 1,1-Dichloroethane	3.853	63	60434	5.390	ug/L	99
21) 2-Butanone	4.685	43	78507	49.699	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	34647	5.569	ug/L	99
23) Bromochloromethane	4.959	128	15135	5.424	ug/L	97
25) Chloroform	5.075	83	61470	5.571	ug/L	96

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Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	38395	5.281	ug/L	99
29) 1,1,1-Trichloroethane	5.303	97	49709	5.427	ug/L	100
30) Cyclohexane	5.374	56	51758	5.338	ug/L	99
31) Carbon tetrachloride	5.512	117	42632	5.516	ug/L	98
33) Benzene	5.763	78	137529	5.400	ug/L	100
34) Trichloroethene	6.531	95	33981	5.254	ug/L	97
35) Methylcyclohexane	6.750	83	53934	5.565	ug/L	99
37) 1,2-Dichloropropane	6.779	63	36709	5.405	ug/L	99
38) Bromodichloromethane	7.094	83	43193	5.296	ug/L	98
39) cis-1,3-Dichloropropene	7.599	75	50593	5.223	ug/L	99
40) 4-Methyl-2-pentanone	7.779	43	188938	47.127	ug/L	100
42) Toluene	7.959	91	146370	5.499	ug/L	98
44) trans-1,3-Dichloropropene	8.200	75	41017	5.058	ug/L	96
45) 1,1,2-Trichloroethane	8.390	97	25673	5.118	ug/L	98
47) Tetrachloroethene	8.544	164	26385	5.808	ug/L	99
48) 2-Hexanone	8.672	43	137393	48.577	ug/L	97
49) Dibromochloromethane	8.798	129	27970	5.297	ug/L	99
50) 1,2-Dibromoethane	8.914	107	23632	5.136	ug/L	95
51) Chlorobenzene	9.438	112	87294	5.433	ug/L	98
52) Ethylbenzene	9.560	91	153220	5.503	ug/L	100
53) m,p-Xylene	9.685	106	57942	5.769	ug/L	99
54) o-Xylene	10.090	106	56132	5.637	ug/L	99
55) Styrene	10.106	104	93156	5.683	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	31385	4.874	ug/L	98
59) Bromoform	10.280	173	16122	4.942	ug/L	99
60) Isopropylbenzene	10.473	105	148422	5.524	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	21083	4.617	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	116041	5.475	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	113856	5.586	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	66731	5.481	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	65009	5.311	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	60497	5.318	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	4383	4.798	ug/L	98
69) 1,3,5-Trichlorobenzene	13.212	180	45706	5.495	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	32114	4.907	ug/L	97
71) Naphthalene	14.081	128	42260	3.935	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	28421	4.860	ug/L	99

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

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