Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020425\
Data File : VU063143.D
Acq On : 05 Feb 2025 01:09
Operator : MD/SY
Sample : Q1227-05MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E2975MSD

Quant Time: Feb 05 08:08:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Feb 05 07:57:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	90027	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	86013	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	41168	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	22683	4.405	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.000%			
7) Chloroethane-d5	1.901	69	22162	4.637	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.800%			
11) 1,1-Dichloroethene-d2	2.554	65	10401	4.524	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.400%			
20) 2-Butanone-d5	4.605	46	76034	44.851	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.700%			
24) Chloroform-d	5.049	84	54693	4.804	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.000%			
26) 1,2-Dichloroethane-d4	5.689	65	26900	4.594	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.800%			
32) Benzene-d6	5.714	84	103710	4.623	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.400%			
36) 1,2-Dichloropropane-d6	6.676	67	34084	4.608	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.200%			
41) Toluene-d8	7.888	98	92700	4.677	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.600%			
43) trans-1,3-Dichloroprop...	8.171	79	12132	4.377	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.600%			
46) 2-Hexanone-d5	8.621	63	60182	43.145	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.280%			
56) 1,1,2,2-Tetrachloroeth...	10.743	84	29065	4.452	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.000%			
66) 1,2-Dichlorobenzene-d4	12.183	152	31766	4.621	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.377	85	39811	5.104	ug/L	100
3) Chloromethane	1.518	50	40300	4.717	ug/L	97
5) Vinyl chloride	1.599	62	43019	4.974	ug/L	99
6) Bromomethane	1.843	94	14029	3.226	ug/L	97
8) Chloroethane	1.920	64	26811	5.146	ug/L	100
9) Trichlorofluoromethane	2.129	101	51093	5.259	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	31336	5.247	ug/L	98
12) 1,1-Dichloroethene	2.566	96	29814	5.095	ug/L	99
13) Acetone	2.611	43	47763	44.741	ug/L	100
14) Carbon disulfide	2.782	76	105430	5.131	ug/L	98
15) Methyl Acetate	2.939	43	11694	4.011	ug/L	95
16) Methylene chloride	3.029	84	34363	4.909	ug/L	96
17) Methyl tert-butyl Ether	3.348	73	75280	4.668	ug/L	99
18) trans-1,2-Dichloroethene	3.338	96	31629	5.055	ug/L	99
19) 1,1-Dichloroethane	3.853	63	62600	4.976	ug/L	99
21) 2-Butanone	4.685	43	83566	47.147	ug/L	99
22) cis-1,2-Dichloroethene	4.650	96	35549	5.093	ug/L	97
23) Bromochloromethane	4.959	128	15423	4.926	ug/L	98
25) Chloroform	5.074	83	62849	5.076	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.779	62	39593	4.854	ug/L	99
29) 1,1,1-Trichloroethane	5.303	97	51773	5.085	ug/L	98
30) Cyclohexane	5.373	56	55199	5.122	ug/L	99
31) Carbon tetrachloride	5.512	117	43818	5.101	ug/L	99
33) Benzene	5.759	78	143969	5.086	ug/L	100
34) Trichloroethene	6.531	95	36189	5.034	ug/L	98
35) Methylcyclohexane	6.750	83	54832	5.090	ug/L	99
37) 1,2-Dichloropropane	6.775	63	37740	4.999	ug/L	99
38) Bromodichloromethane	7.094	83	44118	4.867	ug/L	98
39) cis-1,3-Dichloropropene	7.595	75	51376	4.772	ug/L	98
40) 4-Methyl-2-pentanone	7.775	43	205558	46.132	ug/L	100
42) Toluene	7.959	91	152192	5.144	ug/L	99
44) trans-1,3-Dichloropropene	8.200	75	42063	4.667	ug/L	98
45) 1,1,2-Trichloroethane	8.386	97	26804	4.808	ug/L	96
47) Tetrachloroethene	8.544	164	25534	5.057	ug/L	98
48) 2-Hexanone	8.669	43	151182	48.092	ug/L	98
49) Dibromochloromethane	8.798	129	28040	4.778	ug/L	100
50) 1,2-Dibromoethane	8.910	107	24311	4.754	ug/L	99
51) Chlorobenzene	9.438	112	89492	5.011	ug/L	98
52) Ethylbenzene	9.560	91	156304	5.051	ug/L	100
53) m,p-Xylene	9.682	106	58794	5.267	ug/L	99
54) o-Xylene	10.090	106	56660	5.119	ug/L	99
55) Styrene	10.103	104	94535	5.189	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.769	83	33407	4.668	ug/L	98
59) Bromoform	10.280	173	16770	4.725	ug/L	99
60) Isopropylbenzene	10.473	105	151153	5.170	ug/L	100
61) 1,2,3-Trichloropropane	10.811	75	22982	4.626	ug/L	98
62) 1,3,5-Trimethylbenzene	11.077	105	119082	5.164	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	117943	5.319	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	67169	5.071	ug/L	97
65) 1,4-Dichlorobenzene	11.827	146	67006	5.032	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	63602	5.139	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	4699	4.728	ug/L	98
69) 1,3,5-Trichlorobenzene	13.209	180	46148	5.099	ug/L	98
70) 1,2,4-trichlorobenzene	13.830	180	36690	5.153	ug/L	98
71) Naphthalene	14.077	128	56529	4.837	ug/L	100
72) 1,2,3-Trichlorobenzene	14.318	180	33162	5.212	ug/L	97

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

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