Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020525\
Data File : VU063166.D
Acq On : 05 Feb 2025 17:55
Operator : MD/SY
Sample : Q1226-19MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DCZN8MSD

Quant Time: Feb 06 07:31:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Feb 06 07:25:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	84706	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	82556	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	39586	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20503	4.232	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.600%			
7) Chloroethane-d5	1.901	69	21231	4.721	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.400%			
11) 1,1-Dichloroethene-d2	2.554	65	9829	4.544	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.800%			
20) 2-Butanone-d5	4.605	46	84935	53.249	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.500%			
24) Chloroform-d	5.049	84	53427	4.987	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.800%			
26) 1,2-Dichloroethane-d4	5.689	65	27367	4.967	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.400%			
32) Benzene-d6	5.714	84	102347	4.753	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.000%			
36) 1,2-Dichloropropane-d6	6.679	67	33995	4.788	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.800%			
41) Toluene-d8	7.888	98	89758	4.718	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.400%			
43) trans-1,3-Dichloroprop...	8.171	79	12260	4.609	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.200%			
46) 2-Hexanone-d5	8.621	63	68277	50.998	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.000%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	31096	4.963	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.200%			
66) 1,2-Dichlorobenzene-d4	12.183	152	31932	4.831	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.377	85	39336	5.360	ug/L	99
3) Chloromethane	1.518	50	39680	4.936	ug/L	99
5) Vinyl chloride	1.599	62	42966	5.280	ug/L	100
6) Bromomethane	1.843	94	15016	3.670	ug/L	100
8) Chloroethane	1.920	64	26640	5.434	ug/L	99
9) Trichlorofluoromethane	2.129	101	50502	5.525	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.566	101	30691	5.462	ug/L	97
12) 1,1-Dichloroethene	2.566	96	30618	5.561	ug/L	94
13) Acetone	2.611	43	53697	53.459	ug/L	100
14) Carbon disulfide	2.779	76	102131	5.283	ug/L	99
15) Methyl Acetate	2.939	43	13504	4.923	ug/L	96
16) Methylene chloride	3.029	84	34034	5.167	ug/L	95
17) Methyl tert-butyl Ether	3.348	73	79644	5.249	ug/L	99
18) trans-1,2-Dichloroethene	3.338	96	32651	5.546	ug/L	96
19) 1,1-Dichloroethane	3.853	63	63031	5.325	ug/L	100
21) 2-Butanone	4.685	43	92279	55.333	ug/L	99
22) cis-1,2-Dichloroethene	4.650	96	80701	12.288	ug/L	100
23) Bromochloromethane	4.959	128	16077	5.457	ug/L	98
25) Chloroform	5.071	83	63383	5.441	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.779	62	40253	5.245	ug/L	97
29) 1,1,1-Trichloroethane	5.299	97	50949	5.214	ug/L	99
30) Cyclohexane	5.373	56	53954	5.216	ug/L	98
31) Carbon tetrachloride	5.512	117	43979	5.334	ug/L	98
33) Benzene	5.759	78	145231	5.346	ug/L	100
34) Trichloroethene	6.528	95	107765	15.618	ug/L	98
35) Methylcyclohexane	6.750	83	54610	5.282	ug/L	99
37) 1,2-Dichloropropane	6.775	63	38155	5.266	ug/L	99
38) Bromodichloromethane	7.090	83	44468	5.111	ug/L	99
39) cis-1,3-Dichloropropene	7.595	75	52980	5.127	ug/L	99
40) 4-Methyl-2-pentanone	7.775	43	226918	53.058	ug/L	99
42) Toluene	7.959	91	151141	5.323	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	44697	5.167	ug/L	98
45) 1,1,2-Trichloroethane	8.386	97	27108	5.066	ug/L	98
47) Tetrachloroethene	8.544	164	372488	76.866	ug/L	99
48) 2-Hexanone	8.669	43	166631	55.226	ug/L	100
49) Dibromochloromethane	8.798	129	29346	5.210	ug/L	98
50) 1,2-Dibromoethane	8.913	107	26100	5.318	ug/L	98
51) Chlorobenzene	9.438	112	94861	5.534	ug/L	99
52) Ethylbenzene	9.560	91	157666	5.308	ug/L	99
53) m,p-Xylene	9.685	106	58742	5.483	ug/L	100
54) o-Xylene	10.090	106	62494	5.883	ug/L	99
55) Styrene	10.103	104	94293	5.392	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	36088	5.254	ug/L	98
59) Bromoform	10.280	173	17501	5.128	ug/L	99
60) Isopropylbenzene	10.473	105	164367	5.847	ug/L	100
61) 1,2,3-Trichloropropane	10.811	75	24280	5.083	ug/L	98
62) 1,3,5-Trimethylbenzene	11.077	105	121202	5.466	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	145340	6.816	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	67872	5.329	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	68012	5.311	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	70432	5.918	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	5223	5.465	ug/L	96
69) 1,3,5-Trichlorobenzene	13.209	180	46609	5.356	ug/L	100
70) 1,2,4-trichlorobenzene	13.830	180	37315	5.450	ug/L	98
71) Naphthalene	14.077	128	64058	5.701	ug/L	99
72) 1,2,3-Trichlorobenzene	14.318	180	34556	5.649	ug/L	99

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

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