Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020425\
Data File : VU063142.D
Acq On : 05 Feb 2025 00:44
Operator : MD/SY
Sample : Q1227-04MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E2975MS

Quant Time: Feb 05 08:07:44 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	6.235	114	89861	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	86328	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	40981	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	23048	4.484	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.600%			
7) Chloroethane-d5	1.901	69	23232	4.870	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.400%			
11) 1,1-Dichloroethene-d2	2.554	65	10359	4.514	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.200%			
20) 2-Butanone-d5	4.605	46	85906	50.768	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.540%			
24) Chloroform-d	5.046	84	55193	4.857	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.200%			
26) 1,2-Dichloroethane-d4	5.689	65	28537	4.882	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.600%			
32) Benzene-d6	5.714	84	105441	4.683	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.600%			
36) 1,2-Dichloropropane-d6	6.679	67	35245	4.748	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.000%			
41) Toluene-d8	7.885	98	94395	4.745	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.000%			
43) trans-1,3-Dichloroprop...	8.171	79	12509	4.497	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.000%			
46) 2-Hexanone-d5	8.618	63	69167	49.405	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.800%			
56) 1,1,2,2-Tetrachloroeth...	10.743	84	31838	4.859	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.200%			
66) 1,2-Dichlorobenzene-d4	12.184	152	33335	4.871	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.377	85	39233	5.039	ug/L	100
3) Chloromethane	1.515	50	39753	4.661	ug/L	100
5) Vinyl chloride	1.599	62	42445	4.916	ug/L	96
6) Bromomethane	1.840	94	12671	2.919	ug/L	96
8) Chloroethane	1.920	64	26603	5.116	ug/L	99
9) Trichlorofluoromethane	2.126	101	50404	5.198	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	30917	5.187	ug/L	99
12) 1,1-Dichloroethene	2.567	96	29411	5.035	ug/L	97
13) Acetone	2.612	43	54554	51.197	ug/L	99
14) Carbon disulfide	2.779	76	104101	5.076	ug/L	99
15) Methyl Acetate	2.940	43	11958	4.109	ug/L	99
16) Methylene chloride	3.030	84	34622	4.955	ug/L	98
17) Methyl tert-butyl Ether	3.348	73	78810	4.896	ug/L	99
18) trans-1,2-Dichloroethene	3.338	96	32140	5.146	ug/L	97
19) 1,1-Dichloroethane	3.853	63	63356	5.046	ug/L	98
21) 2-Butanone	4.686	43	91445	51.687	ug/L	97
22) cis-1,2-Dichloroethene	4.650	96	35665	5.119	ug/L	99
23) Bromochloromethane	4.959	128	15751	5.040	ug/L	99
25) Chloroform	5.071	83	63027	5.100	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.779	62	41331	5.076	ug/L	99
29) 1,1,1-Trichloroethane	5.300	97	51864	5.076	ug/L	98
30) Cyclohexane	5.374	56	54132	5.005	ug/L	99
31) Carbon tetrachloride	5.509	117	43066	4.995	ug/L	99
33) Benzene	5.759	78	142327	5.010	ug/L	100
34) Trichloroethene	6.531	95	35690	4.947	ug/L	98
35) Methylcyclohexane	6.750	83	52800	4.884	ug/L	99
37) 1,2-Dichloropropane	6.779	63	38258	5.049	ug/L	100
38) Bromodichloromethane	7.091	83	44841	4.929	ug/L	97
39) cis-1,3-Dichloropropene	7.595	75	51640	4.779	ug/L	98
40) 4-Methyl-2-pentanone	7.775	43	228133	51.011	ug/L	100
42) Toluene	7.959	91	149803	5.045	ug/L	98
44) trans-1,3-Dichloropropene	8.200	75	43032	4.757	ug/L	99
45) 1,1,2-Trichloroethane	8.390	97	27202	4.861	ug/L	98
47) Tetrachloroethene	8.541	164	25034	4.940	ug/L	98
48) 2-Hexanone	8.669	43	161857	51.300	ug/L	98
49) Dibromochloromethane	8.798	129	29270	4.969	ug/L	99
50) 1,2-Dibromoethane	8.914	107	25863	5.039	ug/L	99
51) Chlorobenzene	9.435	112	88928	4.961	ug/L	97
52) Ethylbenzene	9.560	91	153951	4.957	ug/L	100
53) m,p-Xylene	9.682	106	57276	5.112	ug/L	98
54) o-Xylene	10.090	106	55913	5.033	ug/L	99
55) Styrene	10.103	104	92145	5.039	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.769	83	36180	5.037	ug/L	98
59) Bromoform	10.280	173	17481	4.948	ug/L	99
60) Isopropylbenzene	10.473	105	148708	5.110	ug/L	100
61) 1,2,3-Trichloropropane	10.811	75	24294	4.912	ug/L	99
62) 1,3,5-Trimethylbenzene	11.078	105	114185	4.974	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	113051	5.121	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	65413	4.961	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	64413	4.859	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	62578	5.079	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	5173	5.228	ug/L	94
69) 1,3,5-Trichlorobenzene	13.209	180	44587	4.949	ug/L	98
70) 1,2,4-trichlorobenzene	13.830	180	33927	4.787	ug/L	99
71) Naphthalene	14.081	128	53408	4.591	ug/L	100
72) 1,2,3-Trichlorobenzene	14.319	180	31551	4.982	ug/L	99

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

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