Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120924\
Data File : VU062179.D
Acq On : 09 Dec 2024 23:55
Operator : MD/SY
Sample : P5116-07MS
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E1PK0MS

Quant Time: Dec 10 01:43:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Dec 10 00:32:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	105467	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	98404	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	50722	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	31501	4.428	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.600%			
7) Chloroethane-d5	1.907	69	23711	4.686	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.800%			
11) 1,1-Dichloroethene-d2	2.560	65	15661	4.628	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.600%			
20) 2-Butanone-d5	4.627	46	77191	56.618	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 113.240%			
24) Chloroform-d	5.052	84	76241	4.952	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.000%			
26) 1,2-Dichloroethane-d4	5.692	65	40692	5.375	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.400%			
32) Benzene-d6	5.717	84	137745	4.860	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.200%			
36) 1,2-Dichloropropane-d6	6.679	67	39422	4.861	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.200%			
41) Toluene-d8	7.891	98	132462	4.947	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.000%			
43) trans-1,3-Dichloroprop...	8.174	79	14190	3.975	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.600%			
46) 2-Hexanone-d5	8.624	63	57403	53.306	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.620%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	34508	5.469	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.400%			
66) 1,2-Dichlorobenzene-d4	12.183	152	47767	5.110	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	39747	4.023	ug/L	97
3) Chloromethane	1.515	50	29761	3.843	ug/L	99
5) Vinyl chloride	1.599	62	30499	3.783	ug/L	97
6) Bromomethane	1.853	94	19122	3.558	ug/L	98
8) Chloroethane	1.930	64	17471	3.869	ug/L	98
9) Trichlorofluoromethane	2.132	101	58129	4.154	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	30586	4.015	ug/L	94
12) 1,1-Dichloroethene	2.573	96	28269	3.970	ug/L #	83
13) Acetone	2.640	43	47863	51.561	ug/L	97
14) Carbon disulfide	2.785	76	71586	3.179	ug/L	99
15) Methyl Acetate	2.955	43	2354	1.012	ug/L	92
16) Methylene chloride	3.036	84	31216	4.176	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	81356	4.586	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	29268	4.000	ug/L	95
19) 1,1-Dichloroethane	3.859	63	55793	4.160	ug/L	99
21) 2-Butanone	4.705	43	69331	51.429	ug/L	89
22) cis-1,2-Dichloroethene	4.656	96	35205	4.293	ug/L	95
23) Bromochloromethane	4.965	128	16084	4.474	ug/L #	85
25) Chloroform	5.078	83	66551	4.406	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.785	62	41947	4.370	ug/L		100
29) 1,1,1-Trichloroethane	5.306	97	60872	4.397	ug/L		94
30) Cyclohexane	5.377	56	43429	3.869	ug/L		92
31) Carbon tetrachloride	5.515	117	53594	4.222	ug/L		100
33) Benzene	5.762	78	129915	4.260	ug/L		100
34) Trichloroethene	6.534	95	35333	4.090	ug/L		97
35) Methylcyclohexane	6.753	83	47952	3.744	ug/L		95
37) 1,2-Dichloropropane	6.782	63	32287	4.348	ug/L		99
38) Bromodichloromethane	7.097	83	47665	4.549	ug/L		97
39) cis-1,3-Dichloropropene	7.598	75	40868	3.433	ug/L		99
40) 4-Methyl-2-pentanone	7.782	43	175355	50.382	ug/L	#	93
42) Toluene	7.962	91	148679	4.521	ug/L		97
44) trans-1,3-Dichloropropene	8.203	75	35475	3.650	ug/L		98
45) 1,1,2-Trichloroethane	8.389	97	26153	4.665	ug/L		97
47) Tetrachloroethene	8.544	164	27078	4.060	ug/L		96
48) 2-Hexanone	8.675	43	134544	52.307	ug/L	#	95
49) Dibromochloromethane	8.801	129	34485	5.091	ug/L		100
50) 1,2-Dibromoethane	8.917	107	25641	4.760	ug/L	#	98
51) Chlorobenzene	9.438	112	91790	4.356	ug/L		98
52) Ethylbenzene	9.563	91	158130	4.289	ug/L		99
53) m,p-Xylene	9.685	106	60070	4.413	ug/L		98
54) o-Xylene	10.093	106	58152	4.393	ug/L		99
55) Styrene	10.106	104	93038	4.263	ug/L		95
57) 1,1,2,2-Tetrachloroethane	10.772	83	31824	4.878	ug/L	#	94
59) Bromoform	10.283	173	20238	5.077	ug/L	#	99
60) Isopropylbenzene	10.476	105	158895	4.336	ug/L		99
61) 1,2,3-Trichloropropane	10.814	75	23050	4.914	ug/L		96
62) 1,3,5-Trimethylbenzene	11.081	105	131550	4.242	ug/L		99
63) 1,2,4-Trimethylbenzene	11.460	105	129877	4.275	ug/L		99
64) 1,3-Dichlorobenzene	11.736	146	73056	4.340	ug/L		99
65) 1,4-Dichlorobenzene	11.830	146	73218	4.320	ug/L		98
67) 1,2-Dichlorobenzene	12.203	146	71154	4.575	ug/L		100
68) 1,2-Dibromo-3-chloropr...	12.987	75	5809	5.678	ug/L		93
69) 1,3,5-Trichlorobenzene	13.212	180	51509	4.117	ug/L		98
70) 1,2,4-trichlorobenzene	13.833	180	44896	4.545	ug/L		99
71) Naphthalene	14.080	128	72047	4.857	ug/L		99
72) 1,2,3-Trichlorobenzene	14.318	180	41304	4.741	ug/L		98

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

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