Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121924\
Data File : VU062487.D
Acq On : 19 Dec 2024 20:02
Operator : MD/SY
Sample : P5305-09MS
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E2AX4MS

Quant Time: Dec 20 00:42:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 20 00:36:00 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	91342	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	88245	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	47392	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	23189	3.764	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.200%			
7) Chloroethane-d5	1.908	69	18018	4.111	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 82.200%			
11) 1,1-Dichloroethene-d2	2.560	65	12165	4.150	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.000%			
20) 2-Butanone-d5	4.621	46	48798	41.327	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 82.660%			
24) Chloroform-d	5.052	84	60370	4.527	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.600%			
26) 1,2-Dichloroethane-d4	5.692	65	31273	4.769	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.400%			
32) Benzene-d6	5.718	84	102817	4.045	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.000%			
36) 1,2-Dichloropropane-d6	6.679	67	27907	3.838	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 76.800%			
41) Toluene-d8	7.888	98	102024	4.249	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.000%			
43) trans-1,3-Dichloroprop...	8.171	79	14274	4.459	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.200%			
46) 2-Hexanone-d5	8.624	63	38258	39.617	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 79.240%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24134	4.265	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.200%			
66) 1,2-Dichlorobenzene-d4	12.184	152	37966	4.347	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	35399	4.137	ug/L	99
3) Chloromethane	1.515	50	26478	3.948	ug/L	98
5) Vinyl chloride	1.599	62	29575	4.235	ug/L	97
6) Bromomethane	1.853	94	21042	4.521	ug/L	97
8) Chloroethane	1.927	64	17790	4.549	ug/L	97
9) Trichlorofluoromethane	2.133	101	61410	5.067	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	26897	4.077	ug/L	90
12) 1,1-Dichloroethene	2.573	96	26812	4.347	ug/L	89
13) Acetone	2.637	43	43910	54.618	ug/L	99
14) Carbon disulfide	2.785	76	76231	3.909	ug/L	99
15) Methyl Acetate	2.949	43	7933	3.937	ug/L #	84
16) Methylene chloride	3.036	84	29991	4.632	ug/L	88
17) Methyl tert-butyl Ether	3.354	73	75206	4.895	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	28374	4.478	ug/L	88
19) 1,1-Dichloroethane	3.856	63	53138	4.575	ug/L	98
21) 2-Butanone	4.698	43	60540	51.853	ug/L	94
22) cis-1,2-Dichloroethene	4.657	96	32667	4.599	ug/L	95
23) Bromochloromethane	4.962	128	15886	5.102	ug/L #	75
25) Chloroform	5.078	83	65760	5.026	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.785	62	44614	5.366	ug/L		98
29) 1,1,1-Trichloroethane	5.306	97	63247	5.095	ug/L		94
30) Cyclohexane	5.377	56	41530	4.126	ug/L		91
31) Carbon tetrachloride	5.512	117	58092	5.103	ug/L		97
33) Benzene	5.763	78	131955	4.825	ug/L		100
34) Trichloroethene	6.534	95	35709	4.610	ug/L		94
35) Methylcyclohexane	6.753	83	45657	3.975	ug/L		94
37) 1,2-Dichloropropane	6.782	63	29581	4.442	ug/L		99
38) Bromodichloromethane	7.097	83	47504	5.056	ug/L		98
39) cis-1,3-Dichloropropene	7.599	75	48750	4.567	ug/L		97
40) 4-Methyl-2-pentanone	7.782	43	145741	46.694	ug/L	#	91
42) Toluene	7.959	91	164950	5.594	ug/L		97
44) trans-1,3-Dichloropropene	8.200	75	42434	4.868	ug/L		97
45) 1,1,2-Trichloroethane	8.390	97	25765	5.125	ug/L		96
47) Tetrachloroethene	8.544	164	93249	15.591	ug/L		96
48) 2-Hexanone	8.676	43	108889	47.207	ug/L	#	94
49) Dibromochloromethane	8.798	129	32337	5.324	ug/L		93
50) 1,2-Dibromoethane	8.914	107	24627	5.098	ug/L	#	98
51) Chlorobenzene	9.438	112	88444	4.681	ug/L		95
52) Ethylbenzene	9.560	91	161584	4.887	ug/L		100
53) m,p-Xylene	9.685	106	61950	5.075	ug/L		94
54) o-Xylene	10.090	106	58535	4.931	ug/L		96
55) Styrene	10.107	104	91306	4.666	ug/L		93
57) 1,1,2,2-Tetrachloroethane	10.772	83	27986	4.783	ug/L	#	95
59) Bromoform	10.280	173	19144	5.140	ug/L	#	97
60) Isopropylbenzene	10.473	105	153267	4.477	ug/L		100
61) 1,2,3-Trichloropropane	10.811	75	21181	4.833	ug/L		94
62) 1,3,5-Trimethylbenzene	11.078	105	128370	4.431	ug/L		99
63) 1,2,4-Trimethylbenzene	11.460	105	129719	4.570	ug/L		98
64) 1,3-Dichlorobenzene	11.737	146	70352	4.474	ug/L		97
65) 1,4-Dichlorobenzene	11.827	146	68147	4.303	ug/L		99
67) 1,2-Dichlorobenzene	12.203	146	67357	4.635	ug/L		100
68) 1,2-Dibromo-3-chloropr...	12.987	75	5083	5.317	ug/L	#	83
69) 1,3,5-Trichlorobenzene	13.209	180	46762	4.000	ug/L		98
70) 1,2,4-trichlorobenzene	13.830	180	36332	3.936	ug/L		97
71) Naphthalene	14.081	128	59023	4.259	ug/L		100
72) 1,2,3-Trichlorobenzene	14.319	180	33868	4.161	ug/L		99

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

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