Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112224\
Data File : VU062005.D
Acq On : 23 Nov 2024 05:31
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005160

Quant Time: Nov 23 05:42:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 23 00:14:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	123742	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	116486	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	60119	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	21869	3.603	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 72.000%			
7) Chloroethane-d5	1.907	69	18156	3.381	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 67.600%			
11) 1,1-Dichloroethene-d2	2.560	65	10201	4.207	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.200%			
20) 2-Butanone-d5	4.618	46	85534	44.875	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.760%			
24) Chloroform-d	5.052	84	67695	4.572	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.400%			
26) 1,2-Dichloroethane-d4	5.692	65	34398	4.514	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.200%			
32) Benzene-d6	5.718	84	105731	4.659	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.200%			
36) 1,2-Dichloropropane-d6	6.679	67	36537	4.738	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.800%			
41) Toluene-d8	7.888	98	93405	4.934	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.600%			
43) trans-1,3-Dichloroprop...	8.174	79	14104	4.940	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.800%			
46) 2-Hexanone-d5	8.624	63	60010	46.052	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.100%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	34703	4.503	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.000%			
66) 1,2-Dichlorobenzene-d4	12.183	152	41916	4.715	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	55486	5.125	ug/L	99
3) Chloromethane	1.518	50	45235	4.054	ug/L	98
5) Vinyl chloride	1.602	62	47288	4.125	ug/L	100
6) Bromomethane	1.853	94	27814	4.075	ug/L	95
8) Chloroethane	1.927	64	26634	3.603	ug/L	96
9) Trichlorofluoromethane	2.132	101	73550	5.072	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	40766	4.568	ug/L	92
12) 1,1-Dichloroethene	2.573	96	37615	4.533	ug/L	94
13) Acetone	2.628	43	56719	43.100	ug/L	96
14) Carbon disulfide	2.788	76	110908	4.202	ug/L	100
15) Methyl Acetate	2.949	43	14046	4.157	ug/L	94
16) Methylene chloride	3.036	84	42732	4.288	ug/L	93
17) Methyl tert-butyl Ether	3.354	73	99382	4.673	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	39588	4.513	ug/L	91
19) 1,1-Dichloroethane	3.859	63	74991	4.388	ug/L	99
21) 2-Butanone	4.695	43	88886	41.791	ug/L	95
22) cis-1,2-Dichloroethene	4.656	96	45017	4.560	ug/L	99
23) Bromochloromethane	4.965	128	20848	4.858	ug/L #	89
25) Chloroform	5.078	83	83980	4.701	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.782	62	52478	4.567	ug/L		99
29) 1,1,1-Trichloroethane	5.303	97	72741	5.418	ug/L		96
30) Cyclohexane	5.377	56	64471	4.591	ug/L		97
31) Carbon tetrachloride	5.515	117	65301	5.728	ug/L		97
33) Benzene	5.763	78	171348	4.871	ug/L		100
34) Trichloroethene	6.534	95	46082	4.908	ug/L		95
35) Methylcyclohexane	6.753	83	66937	4.661	ug/L		98
37) 1,2-Dichloropropane	6.779	63	43083	4.714	ug/L		100
38) Bromodichloromethane	7.094	83	56047	5.057	ug/L		100
39) cis-1,3-Dichloropropene	7.598	75	62139	4.849	ug/L		98
40) 4-Methyl-2-pentanone	7.779	43	225066	45.640	ug/L		94
42) Toluene	7.959	91	185175	5.016	ug/L		99
44) trans-1,3-Dichloropropene	8.203	75	51478	5.058	ug/L		99
45) 1,1,2-Trichloroethane	8.389	97	33305	4.946	ug/L		97
47) Tetrachloroethene	8.544	164	36089	5.285	ug/L		97
48) 2-Hexanone	8.676	43	162019	43.871	ug/L	#	95
49) Dibromochloromethane	8.801	129	37525	5.276	ug/L		94
50) 1,2-Dibromoethane	8.914	107	32354	4.842	ug/L		99
51) Chlorobenzene	9.438	112	117764	4.658	ug/L		98
52) Ethylbenzene	9.563	91	202142	4.576	ug/L		99
53) m,p-Xylene	9.685	106	75045	4.814	ug/L		97
54) o-Xylene	10.090	106	73878	4.695	ug/L		100
55) Styrene	10.106	104	120980	4.667	ug/L		96
57) 1,1,2,2-Tetrachloroethane	10.772	83	40554	4.700	ug/L		98
59) Bromoform	10.280	173	21930	4.907	ug/L		98
60) Isopropylbenzene	10.476	105	199263	4.251	ug/L		99
61) 1,2,3-Trichloropropane	10.814	75	28063	4.038	ug/L		95
62) 1,3,5-Trimethylbenzene	11.077	105	165675	4.430	ug/L		100
63) 1,2,4-Trimethylbenzene	11.460	105	161155	4.323	ug/L		100
64) 1,3-Dichlorobenzene	11.737	146	90347	4.342	ug/L		98
65) 1,4-Dichlorobenzene	11.827	146	90151	4.476	ug/L		99
67) 1,2-Dichlorobenzene	12.203	146	85262	4.711	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.987	75	5842	4.925	ug/L		96
69) 1,3,5-Trichlorobenzene	13.209	180	63456	5.125	ug/L		99
70) 1,2,4-trichlorobenzene	13.833	180	47753	5.032	ug/L		96
71) Naphthalene	14.081	128	66973	4.378	ug/L		100
72) 1,2,3-Trichlorobenzene	14.322	180	41679	5.099	ug/L		99

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

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