Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
Data File : VU061859.D
Acq On : 20 Nov 2024 11:20
Operator : MD/SY
Sample : VSTD0.550
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 21 00:30:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 21 00:29:33 2024
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5050

Manual Integrations APPROVED

Reviewed By :Romaben Patel 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	6.242	114	174068	5.000	ug/L		0.00
28) Chlorobenzene-d5	9.412	117	190168	5.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	68762	5.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.596	65	4363	0.377	ug/L		0.00
7) Chloroethane-d5	1.907	69	3840	0.430	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.560	65	1523	0.299	ug/L		0.00
20) 2-Butanone-d5	4.640	46	12240m	4.213	ug/L		0.03
24) Chloroform-d	5.058	84	10003	0.463	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.698	65	5532	0.489	ug/L		0.00
32) Benzene-d6	5.724	84	16645	0.347	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.682	67	5419	0.340	ug/L		0.00
41) Toluene-d8	7.891	98	13347	0.302	ug/L		0.00
43) trans-1,3-Dichloroprop...	8.177	79	1907	0.286	ug/L		0.00
46) 2-Hexanone-d5	8.634	63	9594m	3.472	ug/L		0.01
56) 1,1,2,2-Tetrachloroeth...	10.750	84	5108	0.404	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	5304	0.505	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.383	85	7631	0.787	ug/L		90
3) Chloromethane	1.522	50	8228	0.643	ug/L		95
5) Vinyl chloride	1.602	62	7805	0.604	ug/L	#	76
6) Bromomethane	1.853	94	4958	0.699	ug/L		99
8) Chloroethane	1.930	64	6542	0.835	ug/L		97
9) Trichlorofluoromethane	2.133	101	10019	0.607	ug/L		98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	6058	0.563	ug/L	#	81
12) 1,1-Dichloroethene	2.573	96	5994	0.581	ug/L		97
13) Acetone	2.624	43	9406	4.991	ug/L		98
14) Carbon disulfide	2.785	76	17980	0.524	ug/L		98
15) Methyl Acetate	2.956	43	2415m	0.521	ug/L		
16) Methylene chloride	3.039	84	7958	0.675	ug/L		95
17) Methyl tert-butyl Ether	3.358	73	14343	0.501	ug/L		99
18) trans-1,2-Dichloroethene	3.351	96	5791	0.518	ug/L		97
19) 1,1-Dichloroethane	3.859	63	12013	0.554	ug/L		98
21) 2-Butanone	4.718	43	14715m	4.803	ug/L		
22) cis-1,2-Dichloroethene	4.663	96	6460	0.519	ug/L		92
23) Bromochloromethane	4.972	128	2738	0.534	ug/L		94
25) Chloroform	5.081	83	12472	0.565	ug/L		93
27) 1,2-Dichloroethane	5.795	62	7801	0.543	ug/L		100
29) 1,1,1-Trichloroethane	5.309	97	9357	0.420	ug/L		97
30) Cyclohexane	5.380	56	10029	0.410	ug/L		97
31) Carbon tetrachloride	5.515	117	7885	0.419	ug/L		99
33) Benzene	5.769	78	25669	0.453	ug/L		100
34) Trichloroethene	6.541	95	6781	0.440	ug/L		99
35) Methylcyclohexane	6.756	83	9973	0.407	ug/L		96
37) 1,2-Dichloropropane	6.785	63	6746	0.454	ug/L	#	89
38) Bromodichloromethane	7.100	83	7639	0.411	ug/L		99
39) cis-1,3-Dichloropropene	7.602	75	8918	0.391	ug/L		99
40) 4-Methyl-2-pentanone	7.785	43	36292m	3.952	ug/L		
42) Toluene	7.965	91	25245	0.416	ug/L		92
44) trans-1,3-Dichloropropene	8.209	75	6361	0.339	ug/L		89

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45)	1,1,2-Trichloroethane	8.393	97	5607	0.553	ug/L		86
47)	Tetrachloroethene	8.547	164	5769	0.568	ug/L		97
48)	2-Hexanone	8.682	43	27843	4.369	ug/L		97
49)	Dibromochloromethane	8.801	129	5350	0.470	ug/L		90
50)	1,2-Dibromoethane	8.917	107	5066	0.535	ug/L	#	96
51)	Chlorobenzene	9.441	112	20305	0.550	ug/L		97
52)	Ethylbenzene	9.563	91	31966	0.471	ug/L		98
53)	m,p-Xylene	9.692	106	10819	0.434	ug/L		99
54)	o-Xylene	10.094	106	11353	0.466	ug/L		96
55)	Styrene	10.113	104	17697	0.448	ug/L		99
57)	1,1,2,2-Tetrachloroethane	10.775	83	5522	0.421	ug/L		97
59)	Bromoform	10.290	173	2410	0.512	ug/L	#	93
60)	Isopropylbenzene	10.476	105	25195	0.535	ug/L		98
61)	1,2,3-Trichloropropane	10.817	75	4116	0.599	ug/L		99
62)	1,3,5-Trimethylbenzene	11.081	105	18980	0.465	ug/L		98
63)	1,2,4-Trimethylbenzene	11.463	105	19137	0.475	ug/L		97
64)	1,3-Dichlorobenzene	11.743	146	11001	0.545	ug/L		99
65)	1,4-Dichlorobenzene	11.830	146	11512	0.578	ug/L		98
67)	1,2-Dichlorobenzene	12.209	146	10518	0.587	ug/L		97
68)	1,2-Dibromo-3-chloropr...	13.007	75	610m	0.437	ug/L		
69)	1,3,5-Trichlorobenzene	13.219	180	7091	0.529	ug/L		98
70)	1,2,4-trichlorobenzene	13.846	180	5323	0.517	ug/L		98
71)	Naphthalene	14.097	128	8852	0.537	ug/L		96
72)	1,2,3-Trichlorobenzene	14.328	180	4710	0.548	ug/L		94

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

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