Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110424\
Data File : VU061443.D
Acq On : 05 Nov 2024 06:38
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005121

Quant Time: Nov 05 06:51:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 05 04:38:45 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	151134	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	139946	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	67580	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	29055	2.830	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	56.600%		
7) Chloroethane-d5	1.911	69	29312	3.114	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	62.200%#		
11) 1,1-Dichloroethene-d2	2.560	65	13002	2.960	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	59.200%#		
20) 2-Butanone-d5	4.631	46	84653	40.612	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	81.220%		
24) Chloroform-d	5.055	84	73696	3.782	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	75.600%		
26) 1,2-Dichloroethane-d4	5.692	65	36879	3.797	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	76.000%		
32) Benzene-d6	5.717	84	139215	3.530	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	70.600%		
36) 1,2-Dichloropropane-d6	6.682	67	43830	3.697	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	74.000%		
41) Toluene-d8	7.891	98	124533	3.378	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	67.600%#		
43) trans-1,3-Dichloroprop...	8.174	79	15394	3.181	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	63.600%		
46) 2-Hexanone-d5	8.627	63	77281	38.990	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	77.980%		
56) 1,1,2,2-Tetrachloroeth...	10.746	84	36836	4.109	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	82.200%		
66) 1,2-Dichlorobenzene-d4	12.183	152	43182	3.608	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	72.200%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	44452	4.412	ug/L	99
3) Chloromethane	1.518	50	48978	4.610	ug/L	97
5) Vinyl chloride	1.602	62	52937	4.531	ug/L	99
6) Bromomethane	1.856	94	37325	4.822	ug/L	96
8) Chloroethane	1.930	64	40345	4.691	ug/L	98
9) Trichlorofluoromethane	2.132	101	74638	4.704	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	43625	4.630	ug/L	99
12) 1,1-Dichloroethene	2.573	96	42390	4.744	ug/L	90
13) Acetone	2.647	43	75460	57.157	ug/L	100
14) Carbon disulfide	2.788	76	115822	3.885	ug/L	99
15) Methyl Acetate	2.956	43	18066	5.526	ug/L	97
16) Methylene chloride	3.039	84	56458	5.362	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	133580	5.516	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	47400	4.797	ug/L	97
19) 1,1-Dichloroethane	3.859	63	99299	5.329	ug/L	100
21) 2-Butanone	4.708	43	124486	59.479	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	59920	5.309	ug/L	99
23) Bromochloromethane	4.965	128	27228	5.734	ug/L	95
25) Chloroform	5.078	83	109023	5.564	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	66989	5.410	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	83243	4.857	ug/L	99
30) Cyclohexane	5.377	56	65066	3.785	ug/L	97
31) Carbon tetrachloride	5.515	117	65698	4.480	ug/L	98
33) Benzene	5.766	78	225910	5.220	ug/L	100
34) Trichloroethene	6.534	95	56711	4.817	ug/L	99
35) Methylcyclohexane	6.753	83	72351	3.861	ug/L	99
37) 1,2-Dichloropropane	6.782	63	61973	5.649	ug/L	100
38) Bromodichloromethane	7.097	83	73716	5.309	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	80652	4.760	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	319453	58.508	ug/L	99
42) Toluene	7.962	91	232959	4.957	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	65274	4.728	ug/L	95
45) 1,1,2-Trichloroethane	8.389	97	45870	5.810	ug/L	96
47) Tetrachloroethene	8.547	164	46616	5.669	ug/L	99
48) 2-Hexanone	8.676	43	226031	58.542	ug/L	100
49) Dibromochloromethane	8.801	129	46577	5.202	ug/L	93
50) 1,2-Dibromoethane	8.917	107	43598	5.684	ug/L	94
51) Chlorobenzene	9.438	112	151726	5.107	ug/L	97
52) Ethylbenzene	9.563	91	240968	4.661	ug/L	100
53) m,p-Xylene	9.685	106	90256	4.583	ug/L	98
54) o-Xylene	10.090	106	92472	4.757	ug/L	98
55) Styrene	10.106	104	153157	4.915	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	56044	5.891	ug/L	99
59) Bromoform	10.283	173	24863	4.970	ug/L	98
60) Isopropylbenzene	10.476	105	233572	4.524	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	39464	5.862	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	187320	4.457	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	185651	4.469	ug/L	100
64) 1,3-Dichlorobenzene	11.736	146	107896	4.966	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	107124	4.836	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	105027	5.136	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	6994	4.948	ug/L	94
69) 1,3,5-Trichlorobenzene	13.209	180	71792	4.820	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	58416	4.860	ug/L	98
71) Naphthalene	14.080	128	93394	4.924	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	51280	5.100	ug/L	99

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

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