Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080824\
Data File : VU060351.D
Acq On : 08 Aug 2024 11:33
Operator : MD/SY
Sample : VSTD00502
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005002

Quant Time: Aug 08 23:25:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Aug 08 23:23:41 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	121617	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	125909	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	67497	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	49842	5.732	ug/L	0.00
7) Chloroethane-d5	1.911	69	45324	5.628	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	21141	6.109	ug/L	0.00
20) 2-Butanone-d5	4.637	46	104157	52.311	ug/L	0.00
24) Chloroform-d	5.052	84	100110	5.532	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	45252	5.418	ug/L	0.00
32) Benzene-d6	5.721	84	198102	5.770	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	60975	5.582	ug/L	0.00
41) Toluene-d8	7.891	98	187825	6.012	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	21114	5.727	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	93287	55.953	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	50613	5.266	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	65056	5.285	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	34235	3.942	ug/L	100
3) Chloromethane	1.518	50	41251	3.884	ug/L	100
5) Vinyl chloride	1.602	62	48615	4.072	ug/L	100
6) Bromomethane	1.856	94	34757	4.396	ug/L	100
8) Chloroethane	1.930	64	32169	4.088	ug/L	100
9) Trichlorofluoromethane	2.136	101	69167	4.523	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	45806	4.576	ug/L	100
12) 1,1-Dichloroethene	2.573	96	40986	4.508	ug/L	100
13) Acetone	2.653	43	75695	55.935	ug/L	100
14) Carbon disulfide	2.788	76	102065	3.963	ug/L	100
15) Methyl Acetate	2.959	43	14582	4.647	ug/L	100
16) Methylene chloride	3.039	84	48025	4.308	ug/L	100
17) Methyl tert-butyl Ether	3.358	73	97116	4.640	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	41458	4.408	ug/L	100
19) 1,1-Dichloroethane	3.862	63	83263	4.625	ug/L	100
21) 2-Butanone	4.718	43	107868	51.594	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	48821	4.607	ug/L	100
23) Bromochloromethane	4.968	128	23515	4.560	ug/L	100
25) Chloroform	5.078	83	90860	4.577	ug/L	100
27) 1,2-Dichloroethane	5.788	62	49274	4.368	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	72201	4.676	ug/L	100
30) Cyclohexane	5.380	56	56833	4.643	ug/L	100
31) Carbon tetrachloride	5.515	117	62605	4.688	ug/L	100
33) Benzene	5.766	78	191253	4.699	ug/L	100
34) Trichloroethene	6.534	95	49162	4.538	ug/L	100
35) Methylcyclohexane	6.756	83	63357	4.514	ug/L	100
37) 1,2-Dichloropropane	6.782	63	52170	4.696	ug/L	100
38) Bromodichloromethane	7.097	83	64040	4.611	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	69161	4.764	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	252601	50.706	ug/L	100
42) Toluene	7.962	91	208914	4.825	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	58677	4.809	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	38936	4.599	ug/L	100
47) Tetrachloroethene	8.547	164	38881	4.414	ug/L	100
48) 2-Hexanone	8.679	43	197788	53.420	ug/L	100
49) Dibromochloromethane	8.801	129	43653	4.678	ug/L	100
50) 1,2-Dibromoethane	8.917	107	35799	4.676	ug/L	100
51) Chlorobenzene	9.441	112	132794	4.674	ug/L	100
52) Ethylbenzene	9.563	91	211027	4.858	ug/L	100
53) m,p-Xylene	9.685	106	82666	4.923	ug/L	100
54) o-Xylene	10.094	106	80187	4.989	ug/L	100
55) Styrene	10.106	104	140498	5.132	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	48791	4.682	ug/L	100
59) Bromoform	10.283	173	26455	4.376	ug/L	100
60) Isopropylbenzene	10.476	105	211421	4.853	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	32933	4.647	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	162410	4.861	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	162931	5.026	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	107464	4.617	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	107894	4.521	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	100617	4.508	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.991	75	6802	4.904	ug/L	100
69) 1,3,5-Trichlorobenzene	13.212	180	78774	4.487	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	60899	4.513	ug/L	100
71) Naphthalene	14.081	128	86723	4.483	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	55041	4.549	ug/L	100

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

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