Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011124\
Data File : VU057466.D
Acq On : 11 Jan 2024 18:18
Operator : MD/SY
Sample : VSTD02027
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD020027

Quant Time: Jan 11 21:07:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 11 21:04:51 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	320706	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	310558	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	154366	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	655135	22.913	ug/L	0.00
7) Chloroethane-d5	1.911	69	506360	22.182	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	277149	24.098	ug/L	0.00
20) 2-Butanone-d5	4.634	46	1370775	220.081	ug/L	0.00
24) Chloroform-d	5.055	84	1108743	21.921	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	533607	20.949	ug/L	0.00
32) Benzene-d6	5.721	84	2210032	22.748	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	680645	22.549	ug/L	0.00
41) Toluene-d8	7.891	98	1973050	23.572	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	258578	22.082	ug/L	0.00
46) 2-Hexanone-d5	8.630	63	1094518	217.744	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	501281	21.475	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	627258	21.805	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	429882	18.582	ug/L	99
3) Chloromethane	1.518	50	469884	18.266	ug/L	97
5) Vinyl chloride	1.602	62	493709	18.626	ug/L	99
6) Bromomethane	1.856	94	282111	21.593	ug/L	96
8) Chloroethane	1.933	64	302025	17.689	ug/L	99
9) Trichlorofluoromethane	2.136	101	654325	17.296	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	431277	18.632	ug/L	99
12) 1,1-Dichloroethene	2.573	96	382896	18.526	ug/L	96
13) Acetone	2.660	43	678675	169.009	ug/L	99
14) Carbon disulfide	2.788	76	1037839	17.631	ug/L	100
15) Methyl Acetate	2.955	43	175593	18.969	ug/L	97
16) Methylene chloride	3.039	84	441946	16.359	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	1040460	19.898	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	393904	19.061	ug/L	99
19) 1,1-Dichloroethane	3.859	63	865491	19.719	ug/L	100
21) 2-Butanone	4.714	43	1175092	203.960	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	472880	19.758	ug/L	98
23) Bromochloromethane	4.965	128	189382	17.870	ug/L	99
25) Chloroform	5.078	83	894650	19.402	ug/L	99
27) 1,2-Dichloroethane	5.785	62	537196	18.712	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	757313	18.627	ug/L	99
30) Cyclohexane	5.380	56	693675	22.430	ug/L	99
31) Carbon tetrachloride	5.518	117	622508	18.318	ug/L	99
33) Benzene	5.766	78	1826424	19.564	ug/L	100
34) Trichloroethene	6.534	95	481328	19.414	ug/L	99
35) Methylcyclohexane	6.756	83	719055	22.249	ug/L	95
37) 1,2-Dichloropropane	6.782	63	511930	19.747	ug/L	100
38) Bromodichloromethane	7.097	83	629425	19.069	ug/L	100
39) cis-1,3-Dichloropropene	7.598	75	742996	21.136	ug/L	97
40) 4-Methyl-2-pentanone	7.788	43	2937568	222.117	ug/L	98
42) Toluene	7.962	91	1938038	19.313	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	603102	19.829	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	328001	17.683	ug/L		98
47) Tetrachloroethene	8.547	164	316215	18.289	ug/L		99
48) 2-Hexanone	8.682	43	2178578	226.241	ug/L		95
49) Dibromochloromethane	8.804	129	372503	18.080	ug/L		98
50) 1,2-Dibromoethane	8.917	107	300363	18.524	ug/L	#	97
51) Chlorobenzene	9.441	112	1195112	20.591	ug/L		98
52) Ethylbenzene	9.563	91	2197642	22.962	ug/L		100
53) m,p-Xylene	9.688	106	816013	22.538	ug/L		96
54) o-Xylene	10.093	106	790787	23.134	ug/L		94
55) Styrene	10.110	104	1362023	23.791	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.775	83	436338	19.787	ug/L		99
59) Bromoform	10.286	173	210562	18.311	ug/L		98
60) Isopropylbenzene	10.479	105	2157687	23.517	ug/L		98
61) 1,2,3-Trichloropropane	10.817	75	300955	19.382	ug/L		98
62) 1,3,5-Trimethylbenzene	11.081	105	1797115	24.200	ug/L		98
63) 1,2,4-Trimethylbenzene	11.460	105	1787980	24.135	ug/L		100
64) 1,3-Dichlorobenzene	11.740	146	946305	20.827	ug/L		99
65) 1,4-Dichlorobenzene	11.830	146	907702	19.782	ug/L		99
67) 1,2-Dichlorobenzene	12.206	146	869694	19.976	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.990	75	61223	17.688	ug/L		95
69) 1,3,5-Trichlorobenzene	13.212	180	671464	20.770	ug/L		99
70) 1,2,4-trichlorobenzene	13.833	180	429751	17.172	ug/L		98
71) Naphthalene	14.080	128	677535	17.991	ug/L		100
72) 1,2,3-Trichlorobenzene	14.322	180	355522	16.840	ug/L		99

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

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