Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102324\
Data File : VU061189.D
Acq On : 23 Oct 2024 09:59
Operator : MD/SY
Sample : VSTD00131
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD001031

Quant Time: Oct 24 01:13:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 24 01:12:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	6.242	114	184023	5.000	ug/L		0.00
28) Chlorobenzene-d5	9.412	117	166743	5.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	76614	5.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.596	65	12059	0.965	ug/L		0.00
7) Chloroethane-d5	1.907	69	10528	0.919	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.560	65	5373	1.005	ug/L		0.00
20) 2-Butanone-d5	4.644	46	21623	8.623	ug/L		0.02
24) Chloroform-d	5.055	84	21260	0.896	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.698	65	10982	0.929	ug/L		0.00
32) Benzene-d6	5.721	84	42338	0.901	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.685	67	12770	0.904	ug/L		0.00
41) Toluene-d8	7.891	98	39484	0.899	ug/L		0.00
43) trans-1,3-Dichloroprop...	8.177	79	5060	0.878	ug/L		0.00
46) 2-Hexanone-d5	8.631	63	19834	8.399	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	9555	0.895	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	11954	0.881	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.380	85	12882	1.050	ug/L		98
3) Chloromethane	1.515	50	13748	1.063	ug/L		98
5) Vinyl chloride	1.599	62	15147	1.065	ug/L		99
6) Bromomethane	1.853	94	9566	1.015	ug/L		99
8) Chloroethane	1.930	64	10445	0.997	ug/L		93
9) Trichlorofluoromethane	2.133	101	19950	1.033	ug/L		99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	12139	1.058	ug/L		96
12) 1,1-Dichloroethene	2.573	96	11305	1.039	ug/L		96
13) Acetone	2.644	43	17392	10.819	ug/L		93
14) Carbon disulfide	2.785	76	36952	1.018	ug/L		99
15) Methyl Acetate	2.965	43	4066	1.021	ug/L	#	83
16) Methylene chloride	3.036	84	13368	1.043	ug/L		96
17) Methyl tert-butyl Ether	3.354	73	29894	1.014	ug/L		99
18) trans-1,2-Dichloroethene	3.348	96	12229	1.016	ug/L		99
19) 1,1-Dichloroethane	3.862	63	22341	0.985	ug/L		96
21) 2-Butanone	4.718	43	22642	9.076	ug/L		99
22) cis-1,2-Dichloroethene	4.663	96	13920	1.013	ug/L		98
23) Bromochloromethane	4.968	128	5745	0.994	ug/L		96
25) Chloroform	5.081	83	24107	1.010	ug/L		98
27) 1,2-Dichloroethane	5.788	62	15341	1.018	ug/L		97
29) 1,1,1-Trichloroethane	5.306	97	20964	1.027	ug/L		99
30) Cyclohexane	5.377	56	21112	1.031	ug/L		98
31) Carbon tetrachloride	5.515	117	16921	0.968	ug/L		95
33) Benzene	5.766	78	51406	0.997	ug/L		100
34) Trichloroethene	6.537	95	14330	1.022	ug/L		97
35) Methylcyclohexane	6.756	83	23060	1.033	ug/L		98
37) 1,2-Dichloropropane	6.785	63	13228	1.012	ug/L	#	96
38) Bromodichloromethane	7.100	83	16210	0.980	ug/L		96
39) cis-1,3-Dichloropropene	7.605	75	18545	0.919	ug/L		99
40) 4-Methyl-2-pentanone	7.785	43	65376	10.049	ug/L		99
42) Toluene	7.962	91	55606	0.993	ug/L		98
44) trans-1,3-Dichloropropene	8.206	75	15329	0.932	ug/L		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	9655	1.026	ug/L		98
47) Tetrachloroethene	8.547	164	9865	1.007	ug/L		98
48) 2-Hexanone	8.682	43	44033	9.572	ug/L		97
49) Dibromochloromethane	8.801	129	10269	0.963	ug/L		96
50) 1,2-Dibromoethane	8.920	107	9193	1.006	ug/L		100
51) Chlorobenzene	9.441	112	36071	1.019	ug/L		99
52) Ethylbenzene	9.563	91	60335	0.979	ug/L		97
53) m,p-Xylene	9.688	106	22939	0.978	ug/L		98
54) o-Xylene	10.094	106	22926	0.990	ug/L		100
55) Styrene	10.110	104	35185	0.948	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.775	83	11047	0.975	ug/L		94
59) Bromoform	10.283	173	5655	0.997	ug/L	#	96
60) Isopropylbenzene	10.476	105	58214	0.995	ug/L		99
61) 1,2,3-Trichloropropane	10.817	75	7920	1.038	ug/L		98
62) 1,3,5-Trimethylbenzene	11.081	105	47062	0.988	ug/L		98
63) 1,2,4-Trimethylbenzene	11.463	105	46446	0.986	ug/L		100
64) 1,3-Dichlorobenzene	11.740	146	24543	0.996	ug/L		97
65) 1,4-Dichlorobenzene	11.830	146	25640	1.021	ug/L		99
67) 1,2-Dichlorobenzene	12.209	146	23537	1.015	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.991	75	1587	0.990	ug/L	#	75
69) 1,3,5-Trichlorobenzene	13.216	180	16027	0.949	ug/L		96
70) 1,2,4-trichlorobenzene	13.839	180	12595	0.924	ug/L		100
71) Naphthalene	14.090	128	18160	0.855	ug/L		97
72) 1,2,3-Trichlorobenzene	14.325	180	10430	0.915	ug/L		99

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

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