Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120924\
Data File : VU062154.D
Acq On : 09 Dec 2024 12:33
Operator : MD/SY
Sample : VSTD01059
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD010059

Quant Time: Dec 09 12:57:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Dec 09 12:03:03 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	6.239	114	110865	5.000	ug/L		0.00
28) Chlorobenzene-d5	9.409	117	103058	5.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	54946	5.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.592	65	78268	14.393	ug/L		0.00
7) Chloroethane-d5	1.908	69	54048	11.235	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.557	65	36658	16.873	ug/L		0.00
20) 2-Butanone-d5	4.618	46	159115	93.176	ug/L		-0.01
24) Chloroform-d	5.052	84	171874	12.955	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.689	65	86856	12.721	ug/L		0.00
32) Benzene-d6	5.715	84	318662	15.870	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.679	67	91441	13.402	ug/L		0.00
41) Toluene-d8	7.888	98	298029	17.796	ug/L		0.00
43) trans-1,3-Dichloroprop...	8.171	79	41057	16.255	ug/L		0.00
46) 2-Hexanone-d5	8.624	63	127136	110.277	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	70662	10.364	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	105058	12.931	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.380	85	104143	10.736	ug/L		99
3) Chloromethane	1.515	50	80541	8.056	ug/L		99
5) Vinyl chloride	1.599	62	84520	8.228	ug/L		98
6) Bromomethane	1.853	94	57767	9.448	ug/L		100
8) Chloroethane	1.927	64	44499	6.719	ug/L		100
9) Trichlorofluoromethane	2.129	101	147612	11.361	ug/L		98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	80264	10.039	ug/L		92
12) 1,1-Dichloroethene	2.570	96	74761	10.055	ug/L	#	83
13) Acetone	2.634	43	99379	84.288	ug/L		95
14) Carbon disulfide	2.785	76	234566	9.918	ug/L		99
15) Methyl Acetate	2.949	43	25004	8.259	ug/L		94
16) Methylene chloride	3.036	84	80215	8.985	ug/L		90
17) Methyl tert-butyl Ether	3.354	73	193931	10.177	ug/L		97
18) trans-1,2-Dichloroethene	3.345	96	78530	9.992	ug/L		94
19) 1,1-Dichloroethane	3.856	63	143374	9.364	ug/L		98
21) 2-Butanone	4.698	43	155736	81.727	ug/L		93
22) cis-1,2-Dichloroethene	4.653	96	88686	10.026	ug/L		96
23) Bromochloromethane	4.962	128	39231	10.203	ug/L	#	85
25) Chloroform	5.078	83	160753	10.045	ug/L		100
27) 1,2-Dichloroethane	5.782	62	103088	10.013	ug/L		100
29) 1,1,1-Trichloroethane	5.306	97	149622	12.596	ug/L		95
30) Cyclohexane	5.377	56	122055	9.823	ug/L		96
31) Carbon tetrachloride	5.515	117	138120	13.694	ug/L		100
33) Benzene	5.763	78	328878	10.567	ug/L		100
34) Trichloroethene	6.531	95	93682	11.278	ug/L		96
35) Methylcyclohexane	6.753	83	141370	11.126	ug/L		96
37) 1,2-Dichloropropane	6.779	63	80606	9.969	ug/L		100
38) Bromodichloromethane	7.094	83	117306	11.962	ug/L		99
39) cis-1,3-Dichloropropene	7.599	75	134839	11.893	ug/L		99
40) 4-Methyl-2-pentanone	7.782	43	387727	88.870	ug/L	#	93
42) Toluene	7.959	91	360188	11.028	ug/L		97
44) trans-1,3-Dichloropropene	8.200	75	110107	12.229	ug/L		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	8.390	97	62200	10.442	ug/L		97
47) Tetrachloroethene	8.544	164	71973	11.913	ug/L		96
48) 2-Hexanone	8.676	43	281852	86.262	ug/L	#	93
49) Dibromochloromethane	8.801	129	75069	11.929	ug/L		94
50) 1,2-Dibromoethane	8.914	107	58422	9.881	ug/L	#	100
51) Chlorobenzene	9.438	112	224182	10.022	ug/L		100
52) Ethylbenzene	9.560	91	404989	10.361	ug/L		98
53) m,p-Xylene	9.685	106	152917	11.087	ug/L		99
54) o-Xylene	10.091	106	148191	10.645	ug/L		99
55) Styrene	10.107	104	249842	10.894	ug/L		96
57) 1,1,2,2-Tetrachloroethane	10.772	83	70676	9.258	ug/L		97
59) Bromoform	10.280	173	45290	11.088	ug/L		99
60) Isopropylbenzene	10.476	105	407154	9.504	ug/L		100
61) 1,2,3-Trichloropropane	10.811	75	50743	7.988	ug/L		96
62) 1,3,5-Trimethylbenzene	11.078	105	350772	10.263	ug/L		100
63) 1,2,4-Trimethylbenzene	11.457	105	343719	10.087	ug/L		99
64) 1,3-Dichlorobenzene	11.737	146	183875	9.668	ug/L		100
65) 1,4-Dichlorobenzene	11.827	146	179169	9.733	ug/L		98
67) 1,2-Dichlorobenzene	12.203	146	168822	10.206	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.984	75	12352	11.394	ug/L	#	85
69) 1,3,5-Trichlorobenzene	13.209	180	138809	12.265	ug/L		99
70) 1,2,4-trichlorobenzene	13.830	180	112479	12.968	ug/L		97
71) Naphthalene	14.078	128	168587	12.059	ug/L		100
72) 1,2,3-Trichlorobenzene	14.319	180	95082	12.728	ug/L		99

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

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