Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042224\
Data File : VU058767.D
Acq On : 22 Apr 2024 13:12
Operator : MD/SY
Sample : VSTD02060
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD020060

Quant Time: Apr 22 23:40:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Apr 22 23:37:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	109124	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	102437	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	52577	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	169295	22.252	ug/L	0.00
7) Chloroethane-d5	1.904	69	124887	19.518	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	65	88479	25.004	ug/L	0.00
20) 2-Butanone-d5	4.624	46	332838	214.279	ug/L	0.00
24) Chloroform-d	5.049	84	355370	23.223	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.689	65	170092	23.445	ug/L	0.00
32) Benzene-d6	5.714	84	678177	23.257	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	200222	22.171	ug/L	0.00
41) Toluene-d8	7.888	98	610211	23.479	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	77415	26.521	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	249944	222.398	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	124998	19.887	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	189111	20.632	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.377	85	235529	23.962	ug/L	99
3) Chloromethane	1.512	50	182032	16.630	ug/L	100
5) Vinyl chloride	1.596	62	187830	17.162	ug/L	99
6) Bromomethane	1.850	94	113915	20.952	ug/L	95
8) Chloroethane	1.927	64	104893	15.405	ug/L	99
9) Trichlorofluoromethane	2.129	101	291600	19.578	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	177325	19.923	ug/L	99
12) 1,1-Dichloroethene	2.570	96	162942	20.639	ug/L	97
13) Acetone	2.647	43	211455	165.473	ug/L	98
14) Carbon disulfide	2.782	76	538262	21.059	ug/L	99
15) Methyl Acetate	2.946	43	56164	18.726	ug/L	99
16) Methylene chloride	3.033	84	166396	16.441	ug/L	98
17) Methyl tert-butyl Ether	3.348	73	381568	20.580	ug/L	98
18) trans-1,2-Dichloroethene	3.341	96	167079	20.356	ug/L	98
19) 1,1-Dichloroethane	3.853	63	341244	19.090	ug/L	100
21) 2-Butanone	4.702	43	347543	181.820	ug/L	98
22) cis-1,2-Dichloroethene	4.650	96	180502	19.716	ug/L	98
23) Bromochloromethane	4.959	128	68338	18.928	ug/L	98
25) Chloroform	5.074	83	343359	19.664	ug/L	97
27) 1,2-Dichloroethane	5.782	62	205986	19.455	ug/L	98
29) 1,1,1-Trichloroethane	5.303	97	310224	21.666	ug/L	98
30) Cyclohexane	5.377	56	313462	21.203	ug/L	98
31) Carbon tetrachloride	5.512	117	276767	22.629	ug/L	99
33) Benzene	5.763	78	727059	19.399	ug/L	100
34) Trichloroethene	6.531	95	195563	20.403	ug/L	99
35) Methylcyclohexane	6.753	83	316586	21.992	ug/L	100
37) 1,2-Dichloropropane	6.779	63	186781	19.074	ug/L	100
38) Bromodichloromethane	7.094	83	236370	20.729	ug/L	98
39) cis-1,3-Dichloropropene	7.595	75	280575	21.964	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	890611	194.507	ug/L	99
42) Toluene	7.959	91	764107	19.439	ug/L	98
44) trans-1,3-Dichloropropene	8.200	75	222129	22.197	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.389	97	111111	19.336	ug/L	99
47) Tetrachloroethene	8.544	164	137471	19.695	ug/L	98
48) 2-Hexanone	8.676	43	629031	194.269	ug/L	98
49) Dibromochloromethane	8.801	129	131882	19.827	ug/L	95
50) 1,2-Dibromoethane	8.914	107	101266	19.240	ug/L	95
51) Chlorobenzene	9.438	112	456456	19.237	ug/L	97
52) Ethylbenzene	9.560	91	882657	21.052	ug/L	99
53) m,p-Xylene	9.685	106	324283	21.622	ug/L	97
54) o-Xylene	10.090	106	307865	21.061	ug/L	98
55) Styrene	10.106	104	521758	22.017	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	129449	18.499	ug/L	99
59) Bromoform	10.283	173	72561	20.469	ug/L	99
60) Isopropylbenzene	10.476	105	870298	22.102	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	92752	17.554	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	749897	23.294	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	736211	22.652	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	359238	19.159	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	354403	19.366	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	315429	18.638	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	20492	22.035	ug/L	95
69) 1,3,5-Trichlorobenzene	13.209	180	275963	19.976	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	207348	19.586	ug/L	100
71) Naphthalene	14.077	128	276620	19.240	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	164235	18.886	ug/L	98

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

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