Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031422\
Data File : VU047531.D
Acq On : 14 Mar 2022 13:00
Operator : SY/MD
Sample : VSTD0.519
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 15 05:21:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Mar 15 05:13:54 2022
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5019

Manual Integrations APPROVED

Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	158112	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	157126	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	83931	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	4937	0.477	ug/L	0.00
7) Chloroethane-d5	1.919	69	4531	0.483	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	65	2447	0.505	ug/L	0.00
20) 2-Butanone-d5	4.652	46	11685	3.927	ug/L	0.01
24) Chloroform-d	5.073	84	10869	0.479	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	6210	0.505	ug/L	0.00
32) Benzene-d6	5.732	84	21648	0.473	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	6869	0.478	ug/L	0.00
41) Toluene-d8	7.899	98	19685	0.459	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	2651	0.438	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	12961	4.135	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	6577	0.458	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	8567	0.488	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	4630	0.476	ug/L	100
3) Chloromethane	1.523	50	5367	0.563	ug/L	97
5) Vinyl chloride	1.607	62	5227	0.531	ug/L	98
6) Bromomethane	1.864	94	2280	0.493	ug/L	94
8) Chloroethane	1.938	64	3143	0.529	ug/L	84
9) Trichlorofluoromethane	2.144	101	6306	0.489	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	3755	0.461	ug/L	98
12) 1,1-Dichloroethene	2.588	96	3912	0.497	ug/L	85
13) Acetone	2.652	43	5453	4.701	ug/L	97
14) Carbon disulfide	2.800	76	13144	0.555	ug/L	97
15) Methyl Acetate	2.964	43	1868m	0.584	ug/L	
17) Methyl tert-butyl Ether	3.369	73	10737	0.531	ug/L	98
18) trans-1,2-Dichloroethene	3.363	96	4370	0.516	ug/L	95
19) 1,1-Dichloroethane	3.877	63	7848	0.527	ug/L	97
21) 2-Butanone	4.726	43	10435	4.728	ug/L	97
22) cis-1,2-Dichloroethene	4.674	96	4847	0.516	ug/L	98
23) Bromochloromethane	4.980	128	2429	0.509	ug/L	93
27) 1,2-Dichloroethane	5.800	62	5693	0.544	ug/L	97
29) 1,1,1-Trichloroethane	5.321	97	7149	0.512	ug/L	99
30) Cyclohexane	5.395	56	5489	0.455	ug/L	98
31) Carbon tetrachloride	5.530	117	6210	0.505	ug/L	96
33) Benzene	5.777	78	18096	0.510	ug/L	100
34) Trichloroethene	6.546	95	4768	0.507	ug/L	95
35) Methylcyclohexane	6.768	83	5654	0.418	ug/L	98
37) 1,2-Dichloropropane	6.790	63	4694	0.516	ug/L #	89
38) Bromodichloromethane	7.108	83	6682	0.533	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	7190	0.509	ug/L	97
40) 4-Methyl-2-pentanone	7.796	43	33193	5.234	ug/L	93
42) Toluene	7.973	91	19236	0.500	ug/L	94
44) trans-1,3-Dichloropropene	8.214	75	6371	0.505	ug/L #	75
45) 1,1,2-Trichloroethane	8.404	97	4260	0.546	ug/L	95
47) Tetrachloroethene	8.555	164	3860	0.481	ug/L	97

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48) 2-Hexanone	8.690	43	25965	5.380	ug/L		95
49) Dibromochloromethane	8.813	129	4893	0.509	ug/L		94
50) 1,2-Dibromoethane	8.928	107	4018	0.521	ug/L	#	98
51) Chlorobenzene	9.449	112	13677	0.520	ug/L		98
52) Ethylbenzene	9.571	91	19679	0.483	ug/L		99
53) m,p-Xylene	9.697	106	7139	0.453	ug/L		92
54) o-Xylene	10.102	106	7410	0.476	ug/L		93
55) Styrene	10.115	104	12404	0.464	ug/L		94
57) 1,1,2,2-Tetrachloroethane	10.784	83	5394	0.516	ug/L		94
59) Bromoform	10.292	173	3130	0.529	ug/L	#	97
60) Isopropylbenzene	10.488	105	18480	0.487	ug/L		98
61) 1,2,3-Trichloropropane	10.829	75	4014	0.570	ug/L		99
62) 1,3,5-Trimethylbenzene	11.092	105	11476	0.474	ug/L		97
63) 1,2,4-Trimethylbenzene	11.468	105	14591	0.464	ug/L		97
64) 1,3-Dichlorobenzene	11.748	146	11098	0.525	ug/L		97
65) 1,4-Dichlorobenzene	11.838	146	11750	0.544	ug/L		95
67) 1,2-Dichlorobenzene	12.214	146	11597	0.555	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.999	75	1014	0.600	ug/L		91
69) 1,3,5-Trichlorobenzene	13.221	180	9802	0.548	ug/L		95
70) 1,2,4-trichlorobenzene	13.841	180	8832	0.562	ug/L		98
71) Naphthalene	14.089	128	18879	0.647	ug/L		98
72) 1,2,3-Trichlorobenzene	14.330	180	9247	0.613	ug/L		97

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

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