Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081322\
Data File : VV027359.D
Acq On : 13 Aug 2022 09:09
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 13 21:45:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 13 02:46:03 2022
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD005369

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/14/2022
Supervised By :Semsettin Yesilyurt 08/14/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	175987	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	170942	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	94182	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	59655	3.902	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.000%			
7) Chloroethane-d5	1.561	69	44572	4.014	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 80.200%			
11) 1,1-Dichloroethene-d2	2.101	63	113181	4.082	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.600%			
20) 2-Butanone-d5	3.880	46	131676	50.852	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.700%			
24) Chloroform-d	4.336	84	123804	4.415	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.400%			
26) 1,2-Dichloroethane-d4	5.024	65	59334	4.442	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.800%			
32) Benzene-d6	5.040	84	243502	4.829	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.600%			
36) 1,2-Dichloropropane-d6	6.063	67	71051	4.557	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.200%			
41) Toluene-d8	7.310	98	225585	4.887	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.800%			
43) trans-1,3-Dichloroprop...	7.619	79	26616	4.928	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.600%			
46) 2-Hexanone-d5	8.085	63	95641	45.760	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.520%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	50640	4.489	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.800%			
66) 1,2-Dichlorobenzene-d4	11.622	152	73578	4.526	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.124	85	94526	4.520	ug/L	100
3) Chloromethane	1.237	50	79509	3.801	ug/L	98
5) Vinyl chloride	1.304	62	79920	4.096	ug/L	96
6) Bromomethane	1.516	94	34129	3.746	ug/L	96
8) Chloroethane	1.577	64	48265	4.449	ug/L	94
9) Trichlorofluoromethane	1.745	101	114595	4.399	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	60518	4.947	ug/L	98
12) 1,1-Dichloroethene	2.111	96	54010	4.262	ug/L	92
13) Acetone	2.169	43	93087m	48.647	ug/L	
14) Carbon disulfide	2.285	76	186027	3.666	ug/L	100
15) Methyl Acetate	2.429	43	21166	4.543	ug/L	95
16) Methylene chloride	2.497	84	73754	3.624	ug/L	99
17) Methyl tert-butyl Ether	2.761	73	119143	4.028	ug/L	99
18) trans-1,2-Dichloroethene	2.751	96	63970	4.104	ug/L	98
19) 1,1-Dichloroethane	3.179	63	126243	4.230	ug/L	98
21) 2-Butanone	3.960	43	120904	46.404	ug/L	96
22) cis-1,2-Dichloroethene	3.902	96	63336	4.132	ug/L	98
23) Bromochloromethane	4.240	128	29204	4.076	ug/L	95
25) Chloroform	4.365	83	131560	4.290	ug/L	99

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27) 1,2-Dichloroethane	5.124	62	76577	4.370	ug/L	96
29) 1,1,1-Trichloroethane	4.597	97	116126	4.827	ug/L	99
30) Cyclohexane	4.667	56	92704	4.757	ug/L	97
31) Carbon tetrachloride	4.818	117	108152	5.166	ug/L	97
33) Benzene	5.092	78	267518	4.579	ug/L	100
34) Trichloroethene	5.905	95	69136	4.754	ug/L	96
35) Methylcyclohexane	6.124	83	102932	5.141	ug/L	97
37) 1,2-Dichloropropane	6.166	63	69372	4.804	ug/L	98
38) Bromodichloromethane	6.503	83	88221	4.740	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	84833	4.806	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	336474	45.147	ug/L	98
42) Toluene	7.381	91	292198	5.013	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	71934	4.658	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	46848	4.550	ug/L	98
47) Tetrachloroethene	7.969	164	56373	4.936	ug/L	98
48) 2-Hexanone	8.137	43	246662	46.121	ug/L	100
49) Dibromochloromethane	8.243	129	54160	4.494	ug/L	96
50) 1,2-Dibromoethane	8.349	107	41401	4.523	ug/L	100
51) Chlorobenzene	8.876	112	180797	4.762	ug/L	99
52) Ethylbenzene	9.008	91	288430	4.924	ug/L	100
53) m,p-Xylene	9.133	106	112831	5.051	ug/L	100
54) o-Xylene	9.542	106	108131	4.949	ug/L	96
55) Styrene	9.558	104	190398	5.068	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	52105	4.540	ug/L	98
59) Bromoform	9.728	173	25683	4.044	ug/L	99
60) Isopropylbenzene	9.928	105	289464	4.880	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	36573	4.032	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	74834	4.564	ug/L	97
63) 1,2,4-Trimethylbenzene	10.911	105	217725	4.632	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	141025	4.758	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	143719	4.818	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	128049	4.639	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	7312	3.859	ug/L	91
69) 1,3,5-Trichlorobenzene	12.641	180	100085	4.683	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	70260	4.399	ug/L	99
71) Naphthalene	13.500	128	92478	3.747	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	63407	4.259	ug/L	98

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

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