Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111221\
Data File : VV023418.D
Acq On : 12 Nov 2021 04:11
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Nov 12 04:39:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 12 02:02:21 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD005351

Manual Integrations APPROVED

Reviewed By :John Carlone 11/15/2021
Supervised By :Mahesh Dadoda 11/15/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	110806	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	110642	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59669	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	32534	4.687	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 93.800%			
7) Chloroethane-d5	1.564	69	27035	4.779	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.600%			
11) 1,1-Dichloroethene-d2	2.108	63	64705	4.979	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 99.600%			
20) 2-Butanone-d5	3.976	46	62644	52.382	ug/L	0.07
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.760%			
24) Chloroform-d	4.346	84	72447	4.897	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.000%			
26) 1,2-Dichloroethane-d4	5.037	65	35123	5.280	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.600%			
32) Benzene-d6	5.043	84	140892	4.963	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.200%			
36) 1,2-Dichloropropane-d6	6.079	67	41577	4.975	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.600%			
41) Toluene-d8	7.323	98	135405	5.090	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.800%			
43) trans-1,3-Dichloroprop...	7.632	79	14307	4.515	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.400%			
46) 2-Hexanone-d5	8.108	63	51869	44.489	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.980%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	29404	4.893	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.800%			
66) 1,2-Dichlorobenzene-d4	11.625	152	48490	4.880	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.124	85	55462	5.133	ug/L	98
3) Chloromethane	1.233	50	45987	5.006	ug/L	98
5) Vinyl chloride	1.301	62	47696	5.199	ug/L	98
6) Bromomethane	1.516	94	28512	4.862	ug/L	99
8) Chloroethane	1.581	64	28322	5.349	ug/L	100
9) Trichlorofluoromethane	1.751	101	75987	5.512	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	35625	5.133	ug/L	97
12) 1,1-Dichloroethene	2.118	96	34896	5.281	ug/L	87
13) Acetone	2.272	43	42330m	57.928	ug/L	
14) Carbon disulfide	2.288	76	101692	4.078	ug/L	99
15) Methyl Acetate	2.465	43	10314	4.987	ug/L	94
16) Methylene chloride	2.507	84	34360	3.563	ug/L	94
17) Methyl tert-butyl Ether	2.783	73	78352	5.387	ug/L	97
18) trans-1,2-Dichloroethene	2.751	96	36096	4.444	ug/L	97
19) 1,1-Dichloroethane	3.182	63	64498	4.703	ug/L	98
21) 2-Butanone	4.063	43	75303	63.739	ug/L	98
22) cis-1,2-Dichloroethene	3.899	96	39674	5.075	ug/L #	94
23) Bromochloromethane	4.236	128	16996	4.715	ug/L #	83
25) Chloroform	4.368	83	85192	5.828	ug/L	100

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27) 1,2-Dichloroethane	5.140	62	45478	5.849	ug/L	98
29) 1,1,1-Trichloroethane	4.593	97	75973	5.654	ug/L	98
30) Cyclohexane	4.651	56	68493	5.688	ug/L	98
31) Carbon tetrachloride	4.812	117	67065	5.557	ug/L	99
33) Benzene	5.095	78	176829	5.718	ug/L	100
34) Trichloroethene	5.915	95	44775	5.445	ug/L	97
35) Methylcyclohexane	6.130	83	64277	4.952	ug/L	97
37) 1,2-Dichloropropane	6.185	63	41510	5.750	ug/L	99
38) Bromodichloromethane	6.522	83	55687	5.756	ug/L	96
39) cis-1,3-Dichloropropene	7.037	75	51233	4.934	ug/L	99
40) 4-Methyl-2-pentanone	7.252	43	213742	63.835	ug/L	99
42) Toluene	7.394	91	190081	5.747	ug/L	97
44) trans-1,3-Dichloropropene	7.661	75	44719	5.190	ug/L	99
45) 1,1,2-Trichloroethane	7.847	97	29730	5.731	ug/L	97
47) Tetrachloroethene	7.979	164	38664	5.425	ug/L	96
48) 2-Hexanone	8.156	43	159447	67.959	ug/L	96
49) Dibromochloromethane	8.252	129	38511	5.859	ug/L	99
50) 1,2-Dibromoethane	8.358	107	28332	5.894	ug/L	99
51) Chlorobenzene	8.886	112	117792	5.358	ug/L	99
52) Ethylbenzene	9.014	91	184425	5.287	ug/L	99
53) m,p-xylene	9.140	106	73248	5.350	ug/L	93
54) o-xylene	9.545	106	69884	5.441	ug/L	99
55) Styrene	9.561	104	124802	5.672	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	32472	5.713	ug/L	97
59) Bromoform	9.735	173	20834	5.846	ug/L	99
60) Isopropylbenzene	9.934	105	187682	5.481	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	24027	6.062	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	145642	5.130	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	150254	5.317	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	94716	5.414	ug/L	96
65) 1,4-Dichlorobenzene	11.275	146	96457	5.398	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	86683	5.537	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5053	5.984	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	67720	4.944	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	49689	4.530	ug/L	99
71) Naphthalene	13.503	128	74354	4.597	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	48705	5.075	ug/L	98

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

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