Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101421\
Data File : VV022802.D
Acq On : 14 Oct 2021 19:04
Operator : SY/MD
Sample : M4214-09MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 15 02:01:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 15 01:58:00 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
JDGG4MSD

Manual Integrations APPROVED
MMDadoda
10/15/2021 12:02:56 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	122164	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	119697	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67018	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	29214	3.48	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 69.60%			
7) Chloroethane-d5	1.564	69	30100	3.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.80%			
11) 1,1-Dichloroethene-d2	2.108	63	50557	3.07	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 61.40%			
20) 2-Butanone-d5	3.915	46	109055	49.48	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.96%			
24) Chloroform-d	4.352	84	82972	4.79	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.80%			
26) 1,2-Dichloroethane-d4	5.037	65	38731	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.20%			
32) Benzene-d6	5.050	84	149483	4.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.00%			
36) 1,2-Dichloropropane-d6	6.072	67	48380	4.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.60%			
41) Toluene-d8	7.317	98	139398	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.60%			
43) trans-1,3-Dichloroprop...	7.625	79	16782	4.79	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.80%			
46) 2-Hexanone-d5	8.095	63	90417	64.09	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 128.18%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	41006	5.74	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 114.80%			
66) 1,2-Dichlorobenzene-d4	11.625	152	56788	4.57	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	44026	4.94	ug/L	99
3) Chloromethane	1.240	50	51486	5.75	ug/L	99
5) Vinyl chloride	1.307	62	47284	5.11	ug/L	100
6) Bromomethane	1.519	94	30798	5.34	ug/L	96
8) Chloroethane	1.584	64	24659	4.31	ug/L	98
9) Trichlorofluoromethane	1.751	101	56258	4.15	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	30722	3.90	ug/L	95
12) 1,1-Dichloroethene	2.117	96	28922	3.92	ug/L	78
13) Acetone	2.204	43	44369m	36.10	ug/L	
14) Carbon disulfide	2.291	76	93863	4.53	ug/L	99
15) Methyl Acetate	2.445	43	6870	1.95	ug/L #	88
16) Methylene chloride	2.506	84	36453	3.59	ug/L	91
17) Methyl tert-butyl Ether	2.770	73	72308	4.05	ug/L	96
18) trans-1,2-Dichloroethene	2.760	96	35371	4.41	ug/L	94
19) 1,1-Dichloroethane	3.191	63	63115	4.37	ug/L	97
21) 2-Butanone	3.998	43	71592	35.58	ug/L	93
22) cis-1,2-Dichloroethene	3.915	96	44308	5.26	ug/L	95
23) Bromochloromethane	4.249	128	21629	5.78	ug/L	91
25) Chloroform	4.378	83	79002	4.72	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.133	62	42543	5.09	ug/L		95
29) 1,1,1-Trichloroethane	4.609	97	69121	5.06	ug/L		99
30) Cyclohexane	4.677	56	58697	4.65	ug/L		99
31) Carbon tetrachloride	4.828	117	62016	5.23	ug/L		98
33) Benzene	5.101	78	168179	5.22	ug/L		100
34) Trichloroethene	5.918	95	42147	4.81	ug/L		98
35) Methylcyclohexane	6.133	83	60575	4.93	ug/L		97
37) 1,2-Dichloropropane	6.175	63	42218	5.45	ug/L		100
38) Bromodichloromethane	6.513	83	52235	5.47	ug/L		97
39) cis-1,3-Dichloropropene	7.030	75	54345	5.29	ug/L		99
40) 4-Methyl-2-pentanone	7.230	43	227728	54.66	ug/L		99
42) Toluene	7.390	91	182952	5.59	ug/L		98
44) trans-1,3-Dichloropropene	7.654	75	45872	5.48	ug/L		97
45) 1,1,2-Trichloroethane	7.844	97	30710	5.34	ug/L		97
47) Tetrachloroethene	7.979	164	36670	5.17	ug/L		97
48) 2-Hexanone	8.143	43	166203	54.56	ug/L		98
49) Dibromochloromethane	8.249	129	36435	5.41	ug/L		90
50) 1,2-Dibromoethane	8.355	107	28404	5.29	ug/L	#	100
51) Chlorobenzene	8.882	112	116218	5.40	ug/L		99
52) Ethylbenzene	9.014	91	183100	5.51	ug/L		98
53) m,p-xylene	9.140	106	72606	5.57	ug/L		100
54) o-xylene	9.545	106	68924	5.62	ug/L		98
55) Styrene	9.564	104	121387	5.74	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.242	83	36049	6.19	ug/L		98
59) Bromoform	9.734	173	20424	5.44	ug/L		99
60) Isopropylbenzene	9.934	105	182490	5.36	ug/L		100
61) 1,2,3-Trichloropropane	10.275	75	25118	5.39	ug/L		98
62) 1,3,5-Trimethylbenzene	10.541	105	145949	5.31	ug/L		100
63) 1,2,4-Trimethylbenzene	10.914	105	148477	5.39	ug/L		99
64) 1,3-Dichlorobenzene	11.181	146	95275	5.33	ug/L		99
65) 1,4-Dichlorobenzene	11.275	146	95078	5.24	ug/L		98
67) 1,2-Dichlorobenzene	11.644	146	88695	5.29	ug/L		100
68) 1,2-Dibromo-3-chloropr...	12.429	75	5136	6.06	ug/L		89
69) 1,3,5-Trichlorobenzene	12.648	180	71692	5.33	ug/L		100
70) 1,2,4-trichlorobenzene	13.262	180	57924	5.63	ug/L		99
71) Naphthalene	13.503	128	93609	5.73	ug/L		98
72) 1,2,3-Trichlorobenzene	13.744	180	55800	5.76	ug/L		99

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

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