Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022221\
Data File : VV020355.D
Acq On : 22 Feb 2021 12:38
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VICV36

Quant Time: Feb 23 02:18:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVTR022221WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Feb 22 12:20:15 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	325247	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	307663	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.255	152	165282	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	115145	5.03	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.60%			
7) Chloroethane-d5	1.568	69	88953	4.94	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.80%			
11) 1,1-Dichloroethene-d2	2.108	63	217079	4.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.40%			
20) 2-Butanone-d5	3.892	46	190343	47.98	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.96%			
24) Chloroform-d	4.349	84	196461	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.00%			
26) 1,2-Dichloroethane-d4	5.034	65	96246	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
32) Benzene-d6	5.050	84	390919	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.40%			
36) 1,2-Dichloropropane-d6	6.069	67	113189	4.96	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.20%			
41) Toluene-d8	7.317	98	376390	5.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.20%			
45) trans-1,3-Dichloroprop...	7.625	79	45354	5.20	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 104.00%			
48) 2-Hexanone-d5	8.092	63	155862	50.99	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.98%			
59) 1,1,2,2-Tetrachloroeth...	10.220	84	77519	4.78	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.60%			
65) 1,2-Dichlorobenzene-d4	11.632	152	144224	4.92	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	198633	4.90	ug/L	100
3) Chloromethane	1.240	50	173132	4.84	ug/L	95
5) Vinyl chloride	1.310	62	189286	4.96	ug/L	99
6) Bromomethane	1.523	94	119416	4.84	ug/L	100
8) Chloroethane	1.584	64	111108	4.83	ug/L	96
9) Trichlorofluoromethane	1.751	101	255258	4.77	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	134804	4.73	ug/L	100
12) 1,1-Dichloroethene	2.118	96	132819	4.80	ug/L	85
13) Acetone	2.185	43	159335	44.30	ug/L #	33
14) Carbon disulfide	2.291	76	409523	4.80	ug/L	97
15) Methyl Acetate	2.439	43	40429	4.64	ug/L #	87
16) Methylene chloride	2.507	84	143156	4.80	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	271761	4.76	ug/L #	95
18) trans-1,2-Dichloroethene	2.761	96	138205	4.77	ug/L	96
19) 1,1-Dichloroethane	3.188	63	241964	4.74	ug/L	97
21) 2-Butanone	3.976	43	258877	47.19	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	145763	4.83	ug/L	95
23) Bromochloromethane	4.249	128	62913	4.78	ug/L	88
25) Chloroform	4.375	83	257593	4.77	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	147411	4.76	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	224318	4.88	ug/L	98
30) Cyclohexane	4.677	56	205216	4.98	ug/L	99
31) Carbon tetrachloride	4.828	117	192871	4.92	ug/L	99
33) Benzene	5.098	78	548657	4.92	ug/L	100
34) Trichloroethene	5.915	95	151536	4.84	ug/L	98
35) Methylcyclohexane	6.130	83	221136	4.88	ug/L	97
37) 1,2-Dichloropropane	6.175	63	130578	4.92	ug/L	98
38) Bromodichloromethane	6.510	83	165329	4.78	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	183774	4.92	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	633584	48.08	ug/L	96
42) Toluene	7.387	91	600529	4.97	ug/L	99
43) 1,3,5-Trimethylbenzene	10.545	105	546999	5.12	ug/L	99
44) 1,2,4-Trimethylbenzene	10.918	105	557047	5.12	ug/L	99
46) trans-1,3-Dichloropropene	7.654	75	152165	4.99	ug/L	98
47) 1,1,2-Trichloroethane	7.841	97	90538	4.71	ug/L	92
49) Tetrachloroethene	7.979	164	124452	4.80	ug/L	96
50) 2-Hexanone	8.143	43	449943	48.70	ug/L	93
51) Dibromochloromethane	8.249	129	110226	4.94	ug/L	95
52) 1,2-Dibromoethane	8.355	107	85659	4.92	ug/L	100
53) Chlorobenzene	8.886	112	384348	4.82	ug/L	99
54) Ethylbenzene	9.014	91	654100	4.94	ug/L	99
55) m,p-xylene	9.143	106	249234	5.00	ug/L	99
56) o-xylene	9.548	106	241376	5.04	ug/L	98
57) Styrene	9.564	104	410375	5.10	ug/L	93
58) Isopropylbenzene	9.937	105	653747	5.03	ug/L	98
60) 1,1,2,2-Tetrachloroethane	10.246	83	94984	4.66	ug/L	97
62) Bromoform	9.738	173	56345	4.85	ug/L	98
63) 1,3-Dichlorobenzene	11.188	146	320115	4.85	ug/L	99
64) 1,4-Dichlorobenzene	11.278	146	322559	4.81	ug/L	99
66) 1,2-Dichlorobenzene	11.648	146	293903	4.90	ug/L	99
67) 1,2-Dibromo-3-chloropr...	12.435	75	14229	4.83	ug/L	93
68) 1,3,5-Trichlorobenzene	12.651	180	265611	4.96	ug/L	98
69) 1,2,4-trichlorobenzene	13.268	180	217448	5.11	ug/L	99
70) Naphthalene	13.513	128	318555	5.37	ug/L	98
71) 1,2,3-Trichlorobenzene	13.754	180	189846	5.12	ug/L	96

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

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