Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012621\
Data File : VU042200.D
Acq On : 26 Jan 2021 15:23
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00528

Quant Time: Jan 27 04:05:57 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jan 23 06:18:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	101681	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	96164	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	52124	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	25042	3.82	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.40%			
7) Chloroethane-d5	1.916	69	22208	4.20	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.00%			
11) 1,1-Dichloroethene-d2	2.575	63	65650	4.54	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 90.80%			
20) 2-Butanone-d5	4.649	46	113486	47.42	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.84%			
24) Chloroform-d	5.073	84	66824	4.88	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.60%			
26) 1,2-Dichloroethane-d4	5.710	65	40308	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.40%			
32) Benzene-d6	5.735	84	120169	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.60%			
36) 1,2-Dichloropropane-d6	6.700	67	39789	4.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.20%			
41) Toluene-d8	7.906	98	113566	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.60%			
43) trans-1,3-Dichloroprop...	8.189	79	18750	4.57	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.40%			
46) 2-Hexanone-d5	8.645	63	89841	50.26	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.52%			
57) 1,1,2,2-Tetrachloroeth...	10.764	84	35179	5.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.20%			
64) 1,2-Dichlorobenzene-d4	12.201	152	47524	5.08	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	44438	4.64	ug/L	99
3) Chloromethane	1.520	50	41199	4.83	ug/L	100
5) Vinyl chloride	1.607	62	40086	4.90	ug/L	100
6) Bromomethane	1.861	94	22868	4.72	ug/L	98
8) Chloroethane	1.938	64	23174	4.88	ug/L	98
9) Trichlorofluoromethane	2.144	101	58084	5.23	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	35974	5.02	ug/L	99
12) 1,1-Dichloroethene	2.584	96	34162	4.96	ug/L	95
13) Acetone	2.662	43	63431	39.79	ug/L	99
14) Carbon disulfide	2.800	76	110953	4.85	ug/L	100
15) Methyl Acetate	2.967	43	16791	4.46	ug/L	96
16) Methylene chloride	3.054	84	39515	4.87	ug/L	96
17) Methyl tert-butyl Ether	3.372	73	98319	4.93	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	35658	4.86	ug/L	98
19) 1,1-Dichloroethane	3.880	63	69400	5.12	ug/L	98
21) 2-Butanone	4.726	43	139446	52.22	ug/L	98
22) cis-1,2-Dichloroethene	4.674	96	38010	4.86	ug/L	95
23) Bromochloromethane	4.983	128	18172	5.03	ug/L	94
25) Chloroform	5.099	83	70375	5.03	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	52923	5.34	ug/L	95
29) 1,1,1-Trichloroethane	5.324	97	64110	5.06	ug/L	96
30) Cyclohexane	5.398	56	67185	4.93	ug/L	100
31) Carbon tetrachloride	5.533	117	56736	5.08	ug/L	99
33) Benzene	5.784	78	146176	5.16	ug/L	100
34) Trichloroethene	6.549	95	38736	5.08	ug/L	97
35) Methylcyclohexane	6.771	83	63442	4.96	ug/L	99
37) 1,2-Dichloropropane	6.800	63	39167	5.25	ug/L	99
38) Bromodichloromethane	7.115	83	52824	5.13	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	61124	4.99	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	330657	51.87	ug/L	99
42) Toluene	7.977	91	158056	5.16	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	54762	4.88	ug/L	98
45) 1,1,2-Trichloroethane	8.411	97	27949	5.07	ug/L	97
47) Tetrachloroethene	8.562	164	32366	5.10	ug/L	98
48) 2-Hexanone	8.697	43	240751	54.32	ug/L	98
49) Dibromochloromethane	8.819	129	36572	4.99	ug/L	97
50) 1,2-Dibromoethane	8.931	107	28867	5.07	ug/L	96
51) Chlorobenzene	9.456	112	98461	5.03	ug/L	100
52) Ethylbenzene	9.578	91	176188	5.02	ug/L	100
53) m,p-Xylene	9.700	106	65917	5.01	ug/L	97
54) o-Xylene	10.108	106	64465	5.05	ug/L	98
55) Styrene	10.121	104	108945	4.96	ug/L	100
56) Isopropylbenzene	10.491	105	175172	4.97	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	36015	5.11	ug/L	100
59) 1,2,3-Trichloropropane	10.832	75	27050	5.14	ug/L	100
61) Bromoform	10.301	173	22984	4.88	ug/L	99
62) 1,3-Dichlorobenzene	11.755	146	80618	4.96	ug/L	99
63) 1,4-Dichlorobenzene	11.845	146	81062	4.98	ug/L	98
65) 1,2-Dichlorobenzene	12.221	146	77145	5.10	ug/L	98
66) 1,2-Dibromo-3-chloropr...	13.005	75	6808	5.04	ug/L	90
67) 1,3,5-Trichlorobenzene	13.227	180	64375	4.95	ug/L	100
68) 1,2,4-trichlorobenzene	13.851	180	52668	5.11	ug/L	99
69) Naphthalene	14.095	128	91406	6.07	ug/L	100
70) 1,2,3-Trichlorobenzene	14.340	180	48621	5.33	ug/L	99

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

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