Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102720\
Data File : VU040975.D
Acq On : 27 Oct 2020 11:22
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00528

Quant Time: Oct 28 02:15:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 27 15:31:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	67123	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	68295	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	34389	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	23432	4.15	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.00%			
7) Chloroethane-d5	1.92	69	18293	4.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.40%			
11) 1,1-Dichloroethene-d2	2.58	63	47934	4.33	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.60%			
20) 2-Butanone-d5	4.66	46	79479	42.80	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 85.60%			
24) Chloroform-d	5.08	84	43657	4.38	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.60%			
26) 1,2-Dichloroethane-d4	5.72	65	26783	4.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.60%			
32) Benzene-d6	5.74	84	79882	4.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.40%			
36) 1,2-Dichloropropane-d6	6.70	67	26013	4.37	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.40%			
41) Toluene-d8	7.90	98	73609	4.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.00%			
43) trans-1,3-Dichloropropene-	8.18	79	11080	4.30	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.00%			
46) 2-Hexanone-d5	8.64	63	60714	43.75	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.50%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24530	4.44	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	25361	4.20	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 84.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	27076	4.418	ug/L	98
3) Chloromethane	1.53	50	28096	4.397	ug/L	99
5) Vinyl chloride	1.61	62	27249	4.323	ug/L	100
6) Bromomethane	1.87	94	13881	3.842	ug/L	95
8) Chloroethane	1.94	64	16643	4.167	ug/L	99
9) Trichlorofluoromethane	2.15	101	37530	4.380	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	22913	4.563	ug/L	99
12) 1,1-Dichloroethene	2.59	96	20453	4.314	ug/L	95
13) Acetone	2.67	43	56202	44.268	ug/L #	59
14) Carbon disulfide	2.81	76	67503	4.260	ug/L	99
15) Methyl Acetate	2.97	43	11801	4.062	ug/L	92
16) Methylene chloride	3.06	84	23811	4.310	ug/L	96
17) Methyl tert-butyl Ether	3.38	73	49840	4.084	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	20047	4.160	ug/L	97
19) 1,1-Dichloroethane	3.89	63	41572	4.316	ug/L	98
21) 2-Butanone	4.74	43	87790	44.243	ug/L	95
22) cis-1,2-Dichloroethene	4.68	96	21316	4.289	ug/L	95

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Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00528

Quant Time: Oct 28 02:15:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 27 15:31:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	10703	4.565	ug/L	95
25) Chloroform	5.11	83	43186	4.470	ug/L	97
27) 1,2-Dichloroethane	5.81	62	31519	4.381	ug/L	97
29) 1,1,1-Trichloroethane	5.33	97	36424	4.361	ug/L	98
30) Cyclohexane	5.40	56	34172	4.152	ug/L	98
31) Carbon tetrachloride	5.54	117	31781	4.297	ug/L	99
33) Benzene	5.79	78	89433	4.383	ug/L	100
34) Trichloroethene	6.55	95	22189	4.273	ug/L	98
35) Methylcyclohexane	6.77	83	32967	4.256	ug/L	99
37) 1,2-Dichloropropane	6.80	63	24058	4.357	ug/L	99
38) Bromodichloromethane	7.11	83	30579	4.269	ug/L	98
39) cis-1,3-Dichloropropene	7.61	75	32080	4.220	ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	190059	43.170	ug/L	99
42) Toluene	7.97	91	93092	4.499	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	31084	4.369	ug/L	97
45) 1,1,2-Trichloroethane	8.40	97	18169	4.420	ug/L	89
47) Tetrachloroethene	8.56	164	17486	4.579	ug/L	97
48) 2-Hexanone	8.69	43	148598	44.826	ug/L	99
49) Dibromochloromethane	8.81	129	20383	4.270	ug/L	98
50) 1,2-Dibromoethane	8.93	107	16842	4.300	ug/L	98
51) Chlorobenzene	9.45	112	56685	4.320	ug/L	100
52) Ethylbenzene	9.57	91	93408	4.288	ug/L	100
53) m,p-Xylene	9.69	106	35455	4.463	ug/L	93
54) o-Xylene	10.10	106	32523	4.396	ug/L	94
55) Styrene	10.11	104	59514	4.515	ug/L	99
56) Isopropylbenzene	10.48	105	89377	4.493	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	22746	4.214	ug/L	96
59) 1,2,3-Trichloropropane	10.82	75	17794	4.324	ug/L	99
61) Bromoform	10.29	173	11022	4.159	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	44367	4.469	ug/L	96
63) 1,4-Dichlorobenzene	11.83	146	44967	4.374	ug/L	98
65) 1,2-Dichlorobenzene	12.20	146	41883	4.276	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	4122	4.293	ug/L	89
67) 1,3,5-Trichlorobenzene	13.21	180	29279	4.217	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	23859	4.149	ug/L	97
69) Naphthalene	14.08	128	40947	3.982	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	23410	4.416	ug/L	99

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

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