Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111720\
Data File : VU041307.D
Acq On : 18 Nov 2020 04:11
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00526

Quant Time: Nov 18 06:13:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 18 00:06:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	57152	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	56336	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	27101	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	19836	4.72	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.40%			
7) Chloroethane-d5	1.92	69	17684	4.92	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.40%			
11) 1,1-Dichloroethene-d2	2.58	63	40547	4.67	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.40%			
20) 2-Butanone-d5	4.66	46	95668	55.19	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.38%			
24) Chloroform-d	5.08	84	46223	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.60%			
26) 1,2-Dichloroethane-d4	5.72	65	30130	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.60%			
32) Benzene-d6	5.74	84	77112	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.60%			
36) 1,2-Dichloropropane-d6	6.70	67	26784	5.12	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.40%			
41) Toluene-d8	7.91	98	68102	4.76	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.20%			
43) trans-1,3-Dichloropropene-	8.19	79	9572	4.25	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.00%			
46) 2-Hexanone-d5	8.64	63	66876	55.58	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 111.16%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25737	5.07	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	24586	4.65	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	21546	4.568	ug/L	100
3) Chloromethane	1.52	50	24928	4.907	ug/L	99
5) Vinyl chloride	1.61	62	23465	4.729	ug/L	100
6) Bromomethane	1.86	94	10580	3.595	ug/L	99
8) Chloroethane	1.94	64	15880	4.822	ug/L	95
9) Trichlorofluoromethane	2.15	101	33949	4.393	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	19559	4.646	ug/L	98
12) 1,1-Dichloroethene	2.59	96	17470	4.696	ug/L	100
13) Acetone	2.68	43	58802	51.137	ug/L #	61
14) Carbon disulfide	2.81	76	45489	4.155	ug/L	98
15) Methyl Acetate	2.98	43	7885	3.301	ug/L	99
16) Methylene chloride	3.06	84	27232	5.838	ug/L	94
17) Methyl tert-butyl Ether	3.38	73	60943	5.984	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	17040	4.703	ug/L	98
19) 1,1-Dichloroethane	3.89	63	41093	5.073	ug/L	98
21) 2-Butanone	4.74	43	92701	53.099	ug/L #	73
22) cis-1,2-Dichloroethene	4.68	96	20620	5.039	ug/L	91

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Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	10788	5.317 ug/L	96
25) Chloroform	5.11	83	43911	4.998 ug/L	99
27) 1,2-Dichloroethane	5.81	62	34044	5.390 ug/L #	94
29) 1,1,1-Trichloroethane	5.33	97	34605	5.025 ug/L	96
30) Cyclohexane	5.40	56	26503	4.658 ug/L	98
31) Carbon tetrachloride	5.54	117	30157	5.051 ug/L	99
33) Benzene	5.79	78	80665	5.284 ug/L	100
34) Trichloroethene	6.55	95	20336	4.929 ug/L	99
35) Methylcyclohexane	6.77	83	23717	4.327 ug/L	98
37) 1,2-Dichloropropane	6.80	63	25402	5.692 ug/L #	96
38) Bromodichloromethane	7.12	83	32063	5.497 ug/L	97
39) cis-1,3-Dichloropropene	7.62	75	24131	3.877 ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	217520	58.902 ug/L	99
42) Toluene	7.98	91	81398	4.989 ug/L	100
44) trans-1,3-Dichloropropene	8.22	75	24904	4.230 ug/L	96
45) 1,1,2-Trichloroethane	8.40	97	19249	5.578 ug/L	94
47) Tetrachloroethene	8.56	164	14277	4.683 ug/L	94
48) 2-Hexanone	8.69	43	155809	56.520 ug/L	99
49) Dibromochloromethane	8.82	129	21973	5.373 ug/L	97
50) 1,2-Dibromoethane	8.93	107	17112	5.345 ug/L	94
51) Chlorobenzene	9.45	112	51936	4.806 ug/L	99
52) Ethylbenzene	9.57	91	82397	4.729 ug/L	100
53) m,p-Xylene	9.70	106	30852	4.900 ug/L	95
54) o-Xylene	10.10	106	29869	4.924 ug/L	97
55) Styrene	10.11	104	22444	2.090 ug/L	97
56) Isopropylbenzene	10.48	105	75920	4.725 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	24321	5.391 ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	19574	5.562 ug/L	100
61) Bromoform	10.29	173	13388	5.395 ug/L	100
62) 1,3-Dichlorobenzene	11.74	146	40094	4.917 ug/L	100
63) 1,4-Dichlorobenzene	11.83	146	40023	4.763 ug/L	97
65) 1,2-Dichlorobenzene	12.21	146	40330	4.972 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	4306	5.718 ug/L	92
67) 1,3,5-Trichlorobenzene	13.21	180	27492	4.733 ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	21405	4.437 ug/L	97
69) Naphthalene	14.08	128	37473	4.797 ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	20998	4.687 ug/L	98

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

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