Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121820\
Data File : VU041666.D
Acq On : 18 Dec 2020 09:04
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

Manual Integrations APPROVED
MMDadoda
12/19/2020 12:46:04 PM

Quant Time: Dec 19 04:09:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 16 14:35:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	132671	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	120063	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	68457	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	36637	3.53	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 70.60%			
7) Chloroethane-d5	1.92	69	35333	4.40	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.00%			
11) 1,1-Dichloroethene-d2	2.58	63	79783	4.18	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.60%			
20) 2-Butanone-d5	4.66	46	149037	50.02	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 100.04%			
24) Chloroform-d	5.08	84	80225	4.51	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.20%			
26) 1,2-Dichloroethane-d4	5.71	65	46717	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.60%			
32) Benzene-d6	5.74	84	159726	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.00%			
36) 1,2-Dichloropropane-d6	6.70	67	49526	4.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.80%			
41) Toluene-d8	7.90	98	146291	4.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.20%			
43) trans-1,3-Dichloropropene-	8.18	79	22137	4.57	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.40%			
46) 2-Hexanone-d5	8.64	63	138585	52.30	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.60%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52472	5.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	54120	4.45	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	56252	5.005	ug/L	98
3) Chloromethane	1.53	50	47421	4.343	ug/L	98
5) Vinyl chloride	1.61	62	55345	4.590	ug/L	99
6) Bromomethane	1.86	94	39777	5.276	ug/L	99
8) Chloroethane	1.94	64	37051	4.524	ug/L	97
9) Trichlorofluoromethane	2.15	101	83335	5.461	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	47103	5.161	ug/L	95
12) 1,1-Dichloroethene	2.59	96	45582	5.065	ug/L	87
13) Acetone	2.67	43	96792m	51.074	ug/L	
14) Carbon disulfide	2.81	76	143778	4.623	ug/L	99
15) Methyl Acetate	2.97	43	23640	4.798	ug/L	98
16) Methylene chloride	3.06	84	50847	4.730	ug/L	93
17) Methyl tert-butyl Ether	3.38	73	126663	5.275	ug/L	98
18) trans-1,2-Dichloroethene	3.37	96	47048	5.054	ug/L	96
19) 1,1-Dichloroethane	3.89	63	84132	4.835	ug/L	98
21) 2-Butanone	4.74	43	157441	51.004	ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	50272	4.886	ug/L	100

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Acq On : 18 Dec 2020 09:04
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00519

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Quant Time: Dec 19 04:09:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 16 14:35:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	25368	5.367 ug/L	91
25) Chloroform	5.10	83	87585	4.999 ug/L	97
27) 1,2-Dichloroethane	5.81	62	60630	5.110 ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	76617	5.557 ug/L	98
30) Cyclohexane	5.40	56	76594	4.956 ug/L	92
31) Carbon tetrachloride	5.54	117	69053	5.792 ug/L	100
33) Benzene	5.78	78	205205	5.344 ug/L	100
34) Trichloroethene	6.55	95	50555	5.239 ug/L	95
35) Methylcyclohexane	6.77	83	79520	5.098 ug/L	98
37) 1,2-Dichloropropane	6.80	63	48743	4.963 ug/L	100
38) Bromodichloromethane	7.11	83	64894	5.311 ug/L	99
39) cis-1,3-Dichloropropene	7.61	75	75536	5.190 ug/L	100
40) 4-Methyl-2-pentanone	7.80	43	369316	52.845 ug/L	97
42) Toluene	7.97	91	208176	5.251 ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	71756	5.514 ug/L	97
45) 1,1,2-Trichloroethane	8.40	97	41825	5.758 ug/L	97
47) Tetrachloroethene	8.56	164	38541	5.706 ug/L	96
48) 2-Hexanone	8.69	43	273817	53.835 ug/L	97
49) Dibromochloromethane	8.81	129	48241	5.782 ug/L	97
50) 1,2-Dibromoethane	8.92	107	39953	5.561 ug/L	100
51) Chlorobenzene	9.45	112	129944	5.273 ug/L	98
52) Ethylbenzene	9.57	91	218019	5.165 ug/L	97
53) m,p-Xylene	9.69	106	85198	5.412 ug/L	100
54) o-Xylene	10.10	106	83304	5.402 ug/L	96
55) Styrene	10.11	104	141792	5.323 ug/L	96
56) Isopropylbenzene	10.48	105	230891	5.625 ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.78	83	57667	5.706 ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	41335	5.604 ug/L	100
61) Bromoform	10.29	173	32411	6.263 ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	113633	5.428 ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	111091	5.277 ug/L	97
65) 1,2-Dichlorobenzene	12.20	146	102284	4.989 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	10249	5.331 ug/L	99
67) 1,3,5-Trichlorobenzene	13.21	180	77219	4.859 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	61924	4.643 ug/L	98
69) Naphthalene	14.07	128	118903	4.307 ug/L	99
70) 1,2,3-Trichlorobenzene	14.31	180	57490	4.523 ug/L	99

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

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