Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062520\
Data File : VU039128.D
Acq On : 25 Jun 2020 20:46
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00517

Quant Time: Jun 26 01:04:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 26 00:59:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	271057	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	268999	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	135875	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	75177	3.79	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.80%			
7) Chloroethane-d5	1.93	69	70013	4.27	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.40%			
11) 1,1-Dichloroethene-d2	2.59	63	163468	4.29	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.80%			
20) 2-Butanone-d5	4.67	46	376286	52.53	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.06%			
24) Chloroform-d	5.10	84	184672	4.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.60%			
26) 1,2-Dichloroethane-d4	5.74	65	107303	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.40%			
32) Benzene-d6	5.76	84	327771	4.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.80%			
36) 1,2-Dichloropropane-d6	6.72	67	111927	4.46	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.20%			
41) Toluene-d8	7.92	98	273595	4.39	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.80%			
43) trans-1,3-Dichloropropene-	8.20	79	48744	4.47	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.40%			
46) 2-Hexanone-d5	8.65	63	298410	53.07	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.14%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	108460	4.66	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.20%			
64) 1,2-Dichlorobenzene-d4	12.20	152	109290	4.32	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 86.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	118082	4.868	ug/L	99
3) Chloromethane	1.53	50	121455	4.652	ug/L	96
5) Vinyl chloride	1.62	62	129404	4.915	ug/L	99
6) Bromomethane	1.87	94	64066	4.519	ug/L	97
8) Chloroethane	1.95	64	79230	4.993	ug/L	96
9) Trichlorofluoromethane	2.16	101	169811	5.038	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	97755	4.982	ug/L	98
12) 1,1-Dichloroethene	2.61	96	93455	4.978	ug/L	94
13) Acetone	2.67	43	218128	44.840	ug/L	99
14) Carbon disulfide	2.82	76	294086	4.699	ug/L	99
15) Methyl Acetate	2.98	43	54464	4.716	ug/L	97
16) Methylene chloride	3.08	84	108345	4.678	ug/L	95
17) Methyl tert-butyl Ether	3.40	73	257384	4.816	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	96977	4.828	ug/L	97
19) 1,1-Dichloroethane	3.91	63	194235	4.864	ug/L	97
21) 2-Butanone	4.75	43	369298	49.932	ug/L	100
22) cis-1,2-Dichloroethene	4.71	96	103925	4.794	ug/L	95

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Data File : VU039128.D
Acq On : 25 Jun 2020 20:46
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00517

Quant Time: Jun 26 01:04:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 26 00:59:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
23) Bromochloromethane	5.01	128	49225	4.935 ug/L		98
25) Chloroform	5.12	83	193687	4.828 ug/L		96
27) 1,2-Dichloroethane	5.83	62	139260	4.871 ug/L		96
29) 1,1,1-Trichloroethane	5.35	97	168131	5.008 ug/L		99
30) Cyclohexane	5.42	56	159664	5.112 ug/L		98
31) Carbon tetrachloride	5.56	117	142524	5.098 ug/L		100
33) Benzene	5.81	78	417066	4.935 ug/L		100
34) Trichloroethene	6.57	95	105282	5.150 ug/L		94
35) Methylcyclohexane	6.79	83	149668	4.934 ug/L		97
37) 1,2-Dichloropropane	6.82	63	114134	4.985 ug/L		99
38) Bromodichloromethane	7.13	83	144890	5.075 ug/L		97
39) cis-1,3-Dichloropropene	7.63	75	156940	4.945 ug/L		100
40) 4-Methyl-2-pentanone	7.82	43	863893	50.549 ug/L		100
42) Toluene	7.99	91	428568	5.108 ug/L		99
44) trans-1,3-Dichloropropene	8.23	75	148160	4.989 ug/L		96
45) 1,1,2-Trichloroethane	8.42	97	83901	4.930 ug/L		94
47) Tetrachloroethene	8.57	164	73399	4.981 ug/L		94
48) 2-Hexanone	8.71	43	653677	52.174 ug/L		99
49) Dibromochloromethane	8.83	129	93863	5.072 ug/L		96
50) 1,2-Dibromoethane	8.94	107	78311	4.867 ug/L	#	99
51) Chlorobenzene	9.47	112	262274	4.966 ug/L		99
52) Ethylbenzene	9.59	91	450257	5.106 ug/L		100
53) m,p-Xylene	9.71	106	172432	5.318 ug/L		99
54) o-Xylene	10.12	106	163685	5.255 ug/L		97
55) Styrene	10.13	104	291023	5.320 ug/L		97
56) Isopropylbenzene	10.50	105	430055	5.269 ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.80	83	108407	4.764 ug/L		100
59) 1,2,3-Trichloropropane	10.84	75	83289	4.825 ug/L		98
61) Bromoform	10.31	173	51842	4.671 ug/L		97
62) 1,3-Dichlorobenzene	11.76	146	202058	5.001 ug/L		98
63) 1,4-Dichlorobenzene	11.85	146	204004	4.903 ug/L		98
65) 1,2-Dichlorobenzene	12.22	146	195147	4.817 ug/L		99
66) 1,2-Dibromo-3-chloropropan	13.02	75	20153	4.510 ug/L		95
67) 1,3,5-Trichlorobenzene	13.24	180	140484	4.698 ug/L		99
68) 1,2,4-trichlorobenzene	13.87	180	126654	4.650 ug/L		99
69) Naphthalene	14.12	128	255794	4.402 ug/L		100
70) 1,2,3-Trichlorobenzene	14.37	180	122623	4.664 ug/L		99

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

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