Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU103020\
Data File : VU041016.D
Acq On : 29 Oct 2020 15:22
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00530

Quant Time: Oct 30 07:10:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 29 15:11:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	58462	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	57124	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	28976	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	17845	3.63	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 72.60%			
7) Chloroethane-d5	1.92	69	14709	3.90	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.00%			
11) 1,1-Dichloroethene-d2	2.58	63	39303	4.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.60%			
20) 2-Butanone-d5	4.66	46	89276	55.20	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.40%			
24) Chloroform-d	5.08	84	40328	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.00%			
26) 1,2-Dichloroethane-d4	5.72	65	24928	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.60%			
32) Benzene-d6	5.74	84	68212	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.40%			
36) 1,2-Dichloropropane-d6	6.70	67	24907	5.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.20%			
41) Toluene-d8	7.90	98	60345	4.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.20%			
43) trans-1,3-Dichloropropene-	8.18	79	10652	4.94	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.80%			
46) 2-Hexanone-d5	8.64	63	63010	54.28	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.56%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22989	4.98	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.60%			
64) 1,2-Dichlorobenzene-d4	12.19	152	23436	4.61	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	25533	4.784	ug/L	100
3) Chloromethane	1.53	50	26184	4.705	ug/L	98
5) Vinyl chloride	1.61	62	26440	4.816	ug/L	98
6) Bromomethane	1.87	94	14466	4.597	ug/L	96
8) Chloroethane	1.94	64	15782	4.537	ug/L	96
9) Trichlorofluoromethane	2.15	101	35527	4.761	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	21599	4.938	ug/L	98
12) 1,1-Dichloroethene	2.59	96	19933	4.827	ug/L	95
13) Acetone	2.67	43	58757	53.136	ug/L #	67
14) Carbon disulfide	2.81	76	63260	4.584	ug/L	99
15) Methyl Acetate	2.97	43	12032	4.755	ug/L	94
16) Methylene chloride	3.06	84	24489	5.089	ug/L	99
17) Methyl tert-butyl Ether	3.38	73	54908	5.166	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	20108	4.791	ug/L	97
19) 1,1-Dichloroethane	3.89	63	41369	4.931	ug/L	95
21) 2-Butanone	4.74	43	87731	50.763	ug/L	99
22) cis-1,2-Dichloroethene	4.68	96	21745	5.023	ug/L	94

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU103020\
Data File : VU041016.D
Acq On : 29 Oct 2020 15:22
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00530

Quant Time: Oct 30 07:10:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 29 15:11:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.99	128	10355	5.070 ug/L	97
25) Chloroform	5.10	83	42832	5.091 ug/L	98
27) 1,2-Dichloroethane	5.81	62	31483	5.024 ug/L	100
29) 1,1,1-Trichloroethane	5.33	97	36308	5.197 ug/L	97
30) Cyclohexane	5.40	56	35299	5.128 ug/L	99
31) Carbon tetrachloride	5.54	117	30790	4.977 ug/L	100
33) Benzene	5.79	78	87088	5.102 ug/L	100
34) Trichloroethene	6.55	95	22749	5.237 ug/L	97
35) Methylcyclohexane	6.77	83	32405	5.001 ug/L	98
37) 1,2-Dichloropropane	6.80	63	24791	5.368 ug/L #	97
38) Bromodichloromethane	7.11	83	30298	5.057 ug/L	96
39) cis-1,3-Dichloropropene	7.61	75	33190	5.219 ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	198145	53.808 ug/L	98
42) Toluene	7.97	91	91687	5.297 ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	30725	5.163 ug/L	99
45) 1,1,2-Trichloroethane	8.40	97	17472	5.082 ug/L	94
47) Tetrachloroethene	8.56	164	16194	5.070 ug/L	96
48) 2-Hexanone	8.69	43	148193	53.446 ug/L	98
49) Dibromochloromethane	8.81	129	20241	5.069 ug/L	98
50) 1,2-Dibromoethane	8.93	107	16291	4.973 ug/L #	98
51) Chlorobenzene	9.45	112	56477	5.146 ug/L	98
52) Ethylbenzene	9.57	91	96182	5.279 ug/L	98
53) m,p-Xylene	9.69	106	35228	5.302 ug/L	98
54) o-Xylene	10.10	106	33575	5.426 ug/L	96
55) Styrene	10.11	104	59683	5.413 ug/L	98
56) Isopropylbenzene	10.48	105	90646	5.448 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	22643	5.015 ug/L	97
59) 1,2,3-Trichloropropane	10.82	75	17534	5.094 ug/L	98
61) Bromoform	10.29	173	11282	5.052 ug/L	100
62) 1,3-Dichlorobenzene	11.74	146	44855	5.363 ug/L	96
63) 1,4-Dichlorobenzene	11.83	146	45160	5.213 ug/L	99
65) 1,2-Dichlorobenzene	12.20	146	42345	5.130 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	4240	5.241 ug/L	92
67) 1,3,5-Trichlorobenzene	13.21	180	30691	5.247 ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	25599	5.283 ug/L	97
69) Naphthalene	14.08	128	45536	5.255 ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	24506	5.487 ug/L	97

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU103020\
Data File : VU041016.D
Acq On : 29 Oct 2020 15:22
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00530

Quant Time: Oct 30 07:10:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 29 15:11:25 2020
Response via : Initial Calibration