Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111918\
Data File : VU028266.D
Acq On : 19 Nov 2018 20:01
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00522

Quant Time: Nov 20 07:14:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 07:07:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	132554	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	131079	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	63421	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	44133	4.42	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.40%			
7) Chloroethane-d5	1.68	69	39301	4.56	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.20%			
11) 1,1-Dichloroethene-d2	2.28	63	90732	4.57	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.40%			
20) 2-Butanone-d5	4.19	46	152718	45.75	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.50%			
24) Chloroform-d	4.65	84	86953	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.40%			
26) 1,2-Dichloroethane-d4	5.31	65	46660	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.80%			
32) Benzene-d6	5.34	84	167635	4.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.80%			
36) 1,2-Dichloropropane-d6	6.33	67	60939	4.45	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.00%			
41) Toluene-d8	7.57	98	154131	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.20%			
43) trans-1,3-Dichloropropene-	7.85	79	18966	4.33	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.60%			
46) 2-Hexanone-d5	8.31	63	109850	41.85	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 83.70%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	45646	4.61	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 92.20%			
64) 1,2-Dichlorobenzene-d4	11.86	152	52044	4.41	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 88.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	50037	4.495	ug/L	98
3) Chloromethane	1.33	50	69047	4.874	ug/L	100
5) Vinyl chloride	1.40	62	64483	4.793	ug/L	91
6) Bromomethane	1.63	94	26818	4.417	ug/L	99
8) Chloroethane	1.70	64	40258	5.063	ug/L	98
9) Trichlorofluoromethane	1.89	101	74332	4.744	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	41802	4.848	ug/L	98
12) 1,1-Dichloroethene	2.29	96	40200	4.926	ug/L	95
13) Acetone	2.32	43	92242	40.181	ug/L	96
14) Carbon disulfide	2.48	76	131732	5.141	ug/L	100
15) Methyl Acetate	2.62	43	25649	4.215	ug/L	98
16) Methylene chloride	2.70	84	47789	4.648	ug/L	98
17) Methyl tert-butyl Ether	3.01	73	110603	4.512	ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	43241	4.974	ug/L	97
19) 1,1-Dichloroethane	3.45	63	98699	4.896	ug/L	99
21) 2-Butanone	4.28	43	153585	42.013	ug/L	98
22) cis-1,2-Dichloroethene	4.23	96	49084	4.777	ug/L	90

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111918\
Data File : VU028266.D
Acq On : 19 Nov 2018 20:01
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00522

Quant Time: Nov 20 07:14:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 07:07:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.55	128	19384	4.821 ug/L	91
25) Chloroform	4.67	83	92777	4.253 ug/L	100
27) 1,2-Dichloroethane	5.41	62	56117	4.501 ug/L	100
29) 1,1,1-Trichloroethane	4.92	97	65952	4.463 ug/L	97
30) Cyclohexane	4.99	56	81798	4.230 ug/L	98
31) Carbon tetrachloride	5.13	117	51389	4.239 ug/L	97
33) Benzene	5.39	78	196658	4.547 ug/L	100
34) Trichloroethene	6.19	95	47813	4.516 ug/L	93
35) Methylcyclohexane	6.42	83	73820	4.425 ug/L	97
37) 1,2-Dichloropropane	6.44	63	54671	4.430 ug/L #	98
38) Bromodichloromethane	6.76	83	60627	4.505 ug/L	96
39) cis-1,3-Dichloropropene	7.27	75	66205	4.233 ug/L	99
40) 4-Methyl-2-pentanone	7.47	43	372032	42.167 ug/L	99
42) Toluene	7.64	91	203440	4.641 ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	50052	4.254 ug/L	93
45) 1,1,2-Trichloroethane	8.07	97	34367	4.609 ug/L	98
47) Tetrachloroethene	8.23	164	33224	4.520 ug/L	96
48) 2-Hexanone	8.37	43	262923	41.797 ug/L	99
49) Dibromochloromethane	8.48	129	33837	4.483 ug/L	99
50) 1,2-Dibromoethane	8.59	107	28448	4.221 ug/L	96
51) Chlorobenzene	9.12	112	117518	4.655 ug/L	99
52) Ethylbenzene	9.25	91	218173	4.625 ug/L	95
53) m,p-xylene	9.38	106	76499	4.674 ug/L	95
54) o-xylene	9.78	106	74780	4.574 ug/L	100
55) Styrene	9.79	104	130292	4.747 ug/L	94
56) Isopropylbenzene	10.17	105	199823	4.563 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	44432	4.636 ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	30540	4.283 ug/L	100
61) Bromoform	9.96	173	18340	4.561 ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	85487	4.429 ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	91652	4.655 ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	86848	4.589 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	5706	3.870 ug/L #	79
67) 1,3,5-Trichlorobenzene	12.89	180	66270	4.489 ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	56596	4.588 ug/L	99
69) Naphthalene	13.74	128	94264	4.300 ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	52772	4.517 ug/L	99

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111918\
Data File : VU028266.D
Acq On : 19 Nov 2018 20:01
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

Quant Time: Nov 20 07:14:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 20 07:07:24 2018
Response via : Initial Calibration