Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
Data File : BM029368.D
Acq On : 07 Apr 2021 12:40
Operator : CG/JU
Sample : SSTD16003
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD16003

Manual Integrations APPROVED
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4/8/2021 1:36:35 PM

Quant Time: Apr 07 13:13:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 07 11:34:34 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	96298	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	384926	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	230504	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	462292	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	510719	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	480463	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.87	99	1323198	190.21	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.04	67	820621	207.34	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.41	113	1015258	181.34	ng/ul	0.01
19) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.62	131	836229	128.26	ng/ul	0.00
44) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
52) 4-Nitrophenol-d4	14.56	143	539651	195.74	ng/ul	0.04
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.46	200	508019	184.28	ng/ul	0.02
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
4) Benzaldehyde	6.84	77	330216	95.476	ng/ul	97
6) Phenol	6.90	94	1402157	194.123	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.13	93	1040990	185.975	ng/ul	100
11) 2-Methylphenol	8.14	108	1007978	184.899	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.23	45	1493973	172.628	ng/ul	98
14) Acetophenone	8.52	105	1655011	181.512	ng/ul	98
16) 4-Methylphenol	8.48	108	1084676	187.027	ng/ul	100
30) 4-Chloroaniline	10.64	127	871541	131.717	ng/ul	98
32) Caprolactam	11.46	113	311637m	203.201	ng/ul	
38) Hexachlorocyclopentadiene	12.50	237	762487	274.750	ng/ul	99
49) 3-Nitroaniline	14.24	138	512791	161.912	ng/ul	98
51) 2,4-Dinitrophenol	14.45	184	389702	213.362	ng/ul	98
53) 4-Nitrophenol	14.57	109	517252	211.367	ng/ul	95
61) 4-Nitroaniline	15.43	138	652655	200.012	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.47	198	513340	183.528	ng/ul#	92
68) Atrazine	16.56	200	900731	180.255	ng/ul	97
69) Pentachlorophenol	16.73	266	556606	196.157	ng/ul	96
75) Carbazole	17.48	167	4119955	178.611	ng/ul	99
77) Fluoranthene	19.13	202	5140139	186.038	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.17	252	1867972	181.360	ng/ul#	97
87) Di-n-octyl phthalate	22.04	149	6701509	183.760	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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