Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111220\
Data File : BM027798.D
Acq On : 12 Nov 2020 18:58
Operator : JU/CG
Sample : SSTD16003
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD16003

Manual Integrations APPROVED
mohammad
11/16/2020 11:50:26 AM

Quant Time: Nov 13 01:28:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 12 17:41:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	42934	20.00	ng/ul	0.00
18) Naphthalene-d8	11.22	136	171869	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.99	164	100789	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.70	188	204336	20.00	ng/ul	0.00
78) Chrysene-d12	21.80	240	175848	20.00	ng/ul	0.00
86) Perylene-d12	24.24	264	162879	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	7.52	99	660837	186.73	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.69	67	400040	170.22	ng/ul	0.01
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	9.09	113	500745	173.50	ng/ul	0.02
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	11.35	131	482526	133.67	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	15.17	143	235762	166.94	ng/ul	0.03
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	16.08	200	223108	170.61	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	7.50	77	326388m	127.947	ng/ul	
6) Phenol	7.55	94	659086	175.240	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.79	93	507813	168.107	ng/ul	97
11) 2-Methylphenol	8.82	108	486791	175.357	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.92	45	762263	334.639	ng/ul	99
14) Acetophenone	9.22	105	787346	162.535	ng/ul	98
16) 4-Methylphenol	9.17	108	506543	167.171	ng/ul	97
30) 4-Chloroaniline	11.37	127	465232	127.882	ng/ul	99
32) Caprolactam	12.17	113	139664m	144.874	ng/ul	
38) Hexachlorocyclopentadiene	13.19	237	414063	186.778	ng/ul	99
49) 3-Nitroaniline	14.89	138	217024	151.185	ng/ul	89
51) 2,4-Dinitrophenol	15.09	184	168370	167.032	ng/ul	91
53) 4-Nitrophenol	15.18	109	274902	186.764	ng/ul	97
61) 4-Nitroaniline	16.04	138	252940	151.808	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	16.10	198	231835	163.755	ng/ul	93
68) Atrazine	17.15	200	378942	151.802	ng/ul	98
69) Pentachlorophenol	17.35	266	264264	150.375	ng/ul	93
75) Carbazole	18.10	167	1655162	164.024	ng/ul	99
77) Fluoranthene	19.72	202	2183372	151.422	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.71	252	469517	121.577	ng/ul	99
87) Di-n-octyl phthalate	22.62	149	2113920	208.996	ng/ul	100

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

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