Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121520\
Data File : BM028126.D
Acq On : 15 Dec 2020 14:10
Operator : JU/CG
Sample : SSTD16004
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD16004

Manual Integrations APPROVED
mohammad
12/18/2020 10:24:40 AM

Quant Time: Dec 15 14:46:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 15 12:58:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	154355	20.00	ng/ul	0.00
18) Naphthalene-d8	11.05	136	627346	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	346937	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.56	188	616425	20.00	ng/ul	0.00
78) Chrysene-d12	21.68	240	507166	20.00	ng/ul	0.01
86) Perylene-d12	24.04	264	514472	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	7.37	99	2101083	144.11	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.54	67	1290678	142.77	ng/ul	0.01
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.94	113	1692073	148.69	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	11.18	131	1704611	142.13	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	15.04	143	774690	158.52	ng/ul	0.03
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.95	200	676433	180.54	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	7.34	77	818953	93.822	ng/ul	99
6) Phenol	7.40	94	2090995	142.516	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.64	93	1700706	148.050	ng/ul	95
11) 2-Methylphenol	8.66	108	1592566	146.595	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.76	45	2805380	158.784	ng/ul	99
14) Acetophenone	9.06	105	2458866	136.394	ng/ul	99
16) 4-Methylphenol	9.02	108	1698502	146.901	ng/ul	98
30) 4-Chloroaniline	11.21	127	1631377	142.348	ng/ul	99
32) Caprolactam	12.03	113	460128m	146.057	ng/ul	
38) Hexachlorocyclopentadiene	13.03	237	1226979	144.105	ng/ul	99
49) 3-Nitroaniline	14.75	138	728483	152.951	ng/ul	91
51) 2,4-Dinitrophenol	14.95	184	535257	171.520	ng/ul	98
53) 4-Nitrophenol	15.05	109	560017	96.843	ng/ul	95
61) 4-Nitroaniline	15.92	138	739076	138.876	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.96	198	700063	178.991	ng/ul#	97
68) Atrazine	17.02	200	1083046	154.429	ng/ul	100
69) Pentachlorophenol	17.21	266	786587	168.472	ng/ul	97
75) Carbazole	17.96	167	4886581	157.677	ng/ul	99
77) Fluoranthene	19.59	202	5786952	143.892	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.59	252	1405013	143.223	ng/ul	99
87) Di-n-octyl phthalate	22.48	149	5888767	152.875	ng/ul	100

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

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