

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010821\
 Data File : BM028347.D
 Acq On : 08 Jan 2021 13:18
 Operator : CG/JU
 Sample : SSTD16005
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD16005

Manual Integrations
 APPROVED

mohammad
 1/11/2021 10:27:59 AM

Quant Time: Jan 08 13:57:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010821MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 08 12:05:12 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	37204	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	156615	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.76	164	89878	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.49	188	170299	20.00	ng/ul	0.00
78) Chrysene-d12	21.62	240	124553	20.00	ng/ul	0.01
86) Perylene-d12	23.94	264	119974	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	7.29	99	528176	168.54	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.46	67	310165	156.19	ng/ul	0.01
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.86	113	433413	169.53	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	11.10	131	445075	148.34	ng/ul	0.02
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	14.97	143	218578	173.61	ng/ul	0.04
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.88	200	199834	197.05	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						
4) Benzaldehyde	7.26	77	189044	126.662	ng/ul	99
6) Phenol	7.32	94	527095	168.253	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.56	93	411210	158.171	ng/ul	99
11) 2-Methylphenol	8.58	108	404067	169.141	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.68	45	669709	151.051	ng/ul	99
14) Acetophenone	8.98	105	625598	163.094	ng/ul	95
16) 4-Methylphenol	8.94	108	433242	168.853	ng/ul	94
30) 4-Chloroaniline	11.12	127	430453	148.835	ng/ul	100
32) Caprolactam	11.95	113	127331m	180.069	ng/ul	
38) Hexachlorocyclopentadiene	12.95	237	304751	170.761	ng/ul	98
49) 3-Nitroaniline	14.68	138	199785	165.050	ng/ul	98
51) 2,4-Dinitrophenol	14.88	184	159231	211.634	ng/ul	98
53) 4-Nitrophenol	14.99	109	158239	161.507	ng/ul	96
61) 4-Nitroaniline	15.85	138	211607	170.173	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.90	198	204541	187.057	ng/ul#	99
68) Atrazine	16.96	200	305773	164.428	ng/ul	98
69) Pentachlorophenol	17.14	266	223211	177.437	ng/ul	99
75) Carbazole	17.89	167	1374564	157.061	ng/ul	99
77) Fluoranthene	19.52	202	1587672	145.906	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.53	252	372697	156.226	ng/ul	99
87) Di-n-octyl phthalate	22.40	149	1427729	165.279	ng/ul	100

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

