

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072717\
 Data File : BG028034.D
 Acq On : 27 Jul 2017 19:49
 Operator : SJ/JU
 Sample : SSTD16076
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD16076

Manual Integrations
 APPROVED

Sohil
 7/28/2017 4:45:48 PM

Quant Time: Jul 27 20:31:13 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 27 19:05:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	39332	20.00	ng/ul	0.00
18) Naphthalene-d8	11.19	136	177552	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.98	164	131340	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.73	188	327318	20.00	ng/ul	0.01
78) Chrysene-d12	22.08	240	449698	20.00	ng/ul	0.01
86) Perylene-d12	25.60	264	432029	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	7.52	99	523981	155.48	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.69	67	240383	118.58	ng/ul	0.00
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	9.07	113	456008	160.40	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	11.33	131	391946	127.79	ng/ul	0.01
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	15.19	143	296257	192.49	ng/ul	0.04
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	16.10	200	424831	238.65	ng/ul	0.03
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	7.51	77	121549	52.701	ng/ul#	84
6) Phenol	7.55	94	498805	137.613	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.78	93	333236	124.937	ng/ul	98
11) 2-Methylphenol	8.80	108	390998	140.094	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.89	45	411166	118.994	ng/ul	100
14) Acetophenone	9.20	105	638638	136.153	ng/ul	94
16) 4-Methylphenol	9.15	108	422140	136.417	ng/ul	100
30) 4-Chloroaniline	11.35	127	375127	113.845	ng/ul	95
32) Caprolactam	12.16	113	150613m	134.250	ng/ul	
38) Hexachlorocyclopentadiene	13.16	237	561497	486.454	ng/ul#	97
49) 3-Nitroaniline	14.90	138	276994	129.603	ng/ul	86
51) 2,4-Dinitrophenol	15.10	184	268509	428.927	ng/ul	97
53) 4-Nitrophenol	15.21	109	227005	159.779	ng/ul	93
61) 4-Nitroaniline	16.08	138	351362	141.996	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	16.12	198	404831	211.450	ng/ul#	87
68) Atrazine	17.18	200	616055	146.474	ng/ul	96
69) Pentachlorophenol	17.38	266	484049	386.370	ng/ul	97
75) Carbazole	18.14	167	2132931	132.394	ng/ul	93
77) Fluoranthene	19.77	202	2979801	125.870	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.95	252	1263202	142.353	ng/ul#	98
87) Di-n-octyl phthalate	23.22	149	2820341	115.262	ng/ul	100

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

