

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
 Data File : BG042204.D
 Acq On : 14 Aug 2019 10:37
 Operator : HP/JU
 Sample : K4304-10
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB5P1

Manual Integrations
 APPROVED

mohammad
 8/15/2019 5:11:48 PM

Quant Time: Aug 14 17:18:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 14 10:42:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	95831	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	397829	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	268765	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	543041	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	527988	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	645712	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	9178	4.19	ng/uL	0.00
5) Phenol-d5	7.18	99	213803	28.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	107684	25.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	196248	30.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	184310	29.19	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	99427	33.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	124672	35.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	224025	31.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	259637	33.33	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	647478	31.06	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	771567	32.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	92444	26.41	ng/ul	0.00
57) Fluorene-d10	15.68	176	577845	31.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	88024	25.26	ng/ul	0.00
70) Anthracene-d10	17.54	188	828684	31.81	ng/ul	0.00
78) Pyrene-d10	19.83	212	934303	31.71	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.78	264	1104874	32.75	ng/ul	0.01

Target Compounds

					Ovalue
28) Naphthalene	10.90	128	145590	7.158	ng/ul 99
34) 2-Methylnaphthalene	12.51	142	88450	5.472	ng/ul 97
40) 1,1'-Biphenyl	13.52	154	32720	1.674	ng/ul 97
44) Dimethylphthalate	14.13	163	36182	1.748	ng/ul 98
47) Acenaphthylene	14.41	152	78785	3.278	ng/ul# 95
49) Acenaphthene	14.75	153	120064	7.145	ng/ul 100
53) Dibenzofuran	15.09	168	183142	7.302	ng/ul 97
58) Fluorene	15.74	166	205864	10.191	ng/ul 99
69) Phenanthrene	17.49	178	2071440m	69.678	ng/ul
71) Anthracene	17.58	178	350557	11.626	ng/ul 98
74) Carbazole	17.84	167	143007	5.726	ng/ul 99
76) Fluoranthene	19.50	202	2283335m	66.474	ng/ul
79) Pyrene	19.86	202	2059772	57.996	ng/ul 96
82) Benzo(a)anthracene	21.71	228	1143010	31.223	ng/ul 97
84) Chrysene	21.77	228	1218241	35.655	ng/ul 98
87) Benzo(b)fluoranthene	23.97	252	1484016	36.623	ng/ul 99
88) Benzo(k)fluoranthene	24.02	252	491476m	12.614	ng/ul
90) Benzo(a)pyrene	24.86	252	1057596	27.389	ng/ul 99
91) Indeno(1,2,3-cd)pyrene	28.75	276	621052	13.789	ng/ul 98
92) Dibenz(a,h)anthracene	28.78	278	165673m	4.510	ng/ul
93) Benzo(a,h,i)perylene	29.91	276	516350	13.732	ng/ul 98

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

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