

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120120\
 Data File : BG047520.D
 Acq On : 2 Dec 2020 7:16
 Operator : CG/JU
 Sample : L4865-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B24

Manual Integrations
 APPROVED

mohammad
 12/2/2020 2:26:46 PM

Quant Time: Dec 02 08:28:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 13:14:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	35707	20.00	ng/ul	-0.01
18) Naphthalene-d8	11.09	136	147208	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.88	164	115177	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.62	188	256253m	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	249789m	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	274814m	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	1569m	1.60	ng/uL	-0.02
5) Phenol-d5	7.39	99	37580	10.49	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.57	67	19634	9.61	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.79	132	28728	11.96	ng/ul	-0.01
13) 4-Methylphenol-d8	8.95	113	24642	8.95	ng/ul	-0.02
19) Nitrobenzene-d5	9.43	128	14154	11.64	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.16	143	19575	14.75	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.69	165	41290	13.59	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.22	131	26154	8.51	ng/ul	-0.01
44) Dimethylphthalate-d6	14.27	166	128445	12.99	ng/ul	-0.02
47) Acenaphthylene-d8	14.57	160	152673	13.36	ng/ul	-0.01
52) 4-Nitrophenol-d4	15.03	143	14802	9.81	ng/ul	-0.02
58) Fluorene-d10	15.86	176	119599	13.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.96	200	23844	16.35	ng/ul	-0.01
71) Anthracene-d10	17.71	188	178198	14.02	ng/ul	-0.01
79) Pyrene-d10	19.98	212	204045	14.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	211821	13.39	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.42	94	4863	1.417 ng/ul	95
14) Acetophenone	9.08	105	5572	1.315 ng/ul	93
28) Naphthalene	11.14	128	87666	10.514 ng/ul	97
34) 2-Methylnaphthalene	12.73	142	37318	6.040 ng/ul	91
41) 1,1'-Biphenyl	13.71	154	11574	1.295 ng/ul#	81
45) Dimethylphthalate	14.31	163	22775	2.258 ng/ul	99
50) Acenaphthene	14.94	153	87696	11.772 ng/ul	97
54) Dibenzofuran	15.27	168	59859	5.471 ng/ul	95
59) Fluorene	15.91	166	91316	9.906 ng/ul	93
70) Phenanthrene	17.66	178	1476428m	106.693 ng/ul	
72) Anthracene	17.74	178	271704	19.496 ng/ul	99
75) Carbazole	18.00	167	169258	15.056 ng/ul	99
77) Fluoranthene	19.65	202	2559179	146.436 ng/ul	99
80) Pyrene	20.02	202	2245439	126.905 ng/ul	100
83) Benzo(a)anthracene	21.89	228	1406830m	79.156 ng/ul	
85) Chrysene	21.96	228	1344806	79.512 ng/ul	93
88) Benzo(b)fluoranthene	24.24	252	1826990	94.159 ng/ul	97
89) Benzo(k)fluoranthene	24.30	252	670676m	35.075 ng/ul	
91) Benzo(a)pyrene	25.16	252	1264511m	73.105 ng/ul	
92) Indeno(1,2,3-cd)pyrene	29.25	276	923007	43.869 ng/ul#	95
93) Dibenzo(a,h)anthracene	29.29	278	250055m	14.495 ng/ul	
94) Benzo(a,h,i)perylene	30.48	276	761014	43.835 ng/ul	96

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

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