

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
 Data File : BG047643.D
 Acq On : 8 Dec 2020 9:35
 Operator : CG/JU
 Sample : L4862-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B70

Manual Integrations
 APPROVED

mohammad
 12/9/2020 12:19:31 PM

Quant Time: Dec 08 10:57:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 07 18:31:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	24690	20.00	ng/ul	0.00
18) Naphthalene-d8	11.05	136	100091	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	79273	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	180171	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	167580	20.00	ng/ul	0.00
86) Perylene-d12	25.23	264	176374	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	1118	2.41	ng/uL	0.00
5) Phenol-d5	7.35	99	27123	12.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.53	67	14047	12.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	20741	12.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	19934	11.88	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	10119	12.40	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.11	143	13206	13.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	27663	12.95	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	4778	2.44	ng/ul	0.00
44) Dimethylphthalate-d6	14.22	166	86868	12.62	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	104504	13.29	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	11101	10.87	ng/ul	0.00
58) Fluorene-d10	15.82	176	82864	13.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	13922	11.42	ng/ul	0.00
71) Anthracene-d10	17.67	188	130711m	14.54	ng/ul	0.00
79) Pyrene-d10	19.94	212	141934	14.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.99	264	144203	14.00	ng/ul	0.02

Target Compounds

				Ovalue	
6) Phenol	7.38	94	3582m	1.794	ng/ul
28) Naphthalene	11.09	128	9028	1.617	ng/ul# 93
34) 2-Methylnaphthalene	12.68	142	7281	1.693	ng/ul 93
45) Dimethylphthalate	14.27	163	20715	2.970	ng/ul# 93
48) Acenaphthylene	14.56	152	7664	1.051	ng/ul# 89
50) Acenaphthene	14.90	153	12009	2.329	ng/ul# 84
54) Dibenzofuran	15.23	168	21788	2.896	ng/ul 92
59) Fluorene	15.88	166	13734	2.135	ng/ul# 97
70) Phenanthrene	17.61	178	583446	59.747	ng/ul 97
72) Anthracene	17.71	178	151413	15.555	ng/ul 98
75) Carbazole	17.97	167	13100	1.688	ng/ul# 88
77) Fluoranthene	19.61	202	887622	71.437	ng/ul 99
80) Pyrene	19.97	202	726146	59.578	ng/ul# 99
83) Benzo(a)anthracene	21.83	228	503894	42.088	ng/ul 97
84) Bis(2-ethylhexyl)phthalate	21.72	149	6681	1.174	ng/ul# 98
85) Chrysene	21.90	228	410753	36.351	ng/ul 98
88) Benzo(b)fluoranthene	24.15	252	466664	37.903	ng/ul 96
89) Benzo(k)fluoranthene	24.22	252	155003m	12.703	ng/ul
91) Benzo(a)pyrene	25.06	252	322647	29.060	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	29.09	276	192926	14.249	ng/ul 98
93) Dibenzo(a,h)anthracene	29.15	278	67106m	5.913	ng/ul
94) Benzo(a,h,i)perylene	30.31	276	167107m	15.033	ng/ul

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

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