

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
 Data File : BG047674.D
 Acq On : 9 Dec 2020 15:15
 Operator : CG/JU
 Sample : L4862-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0BB5

Manual Integrations
 APPROVED

mohammad
 12/9/2020 5:40:20 PM

Quant Time: Dec 09 16:18:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 08 17:39:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	26734	20.00	ng/ul	0.00
18) Naphthalene-d8	11.05	136	97736	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	73152	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	172933m	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	159522	20.00	ng/ul	0.00
86) Perylene-d12	25.22	264	169665	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	1376	2.74	ng/uL	0.00
5) Phenol-d5	7.35	99	27478	12.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	15053	12.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	22463	12.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	19839	10.92	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	11135	13.97	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	13174	13.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	27460	13.17	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	4453	2.32	ng/ul	0.00
44) Dimethylphthalate-d6	14.22	166	81498	12.83	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	99446	13.70	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	10989	11.66	ng/ul	0.00
58) Fluorene-d10	15.82	176	79007	13.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	11176m	9.55	ng/ul	0.00
71) Anthracene-d10	17.67	188	116957	13.56	ng/ul	0.00
79) Pyrene-d10	19.94	212	130222	13.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.99	264	134799	13.60	ng/ul	0.02
Target Compounds						
28) Naphthalene	11.10	128	8907	1.634	ng/ul#	88
34) 2-Methylnaphthalene	12.68	142	7328	1.745	ng/ul#	65
45) Dimethylphthalate	14.27	163	21081	3.275	ng/ul	99
50) Acenaphthene	14.90	153	10525	2.212	ng/ul	95
54) Dibenzofuran	15.22	168	20651	2.975	ng/ul	94
59) Fluorene	15.87	166	13241	2.231	ng/ul#	93
70) Phenanthrene	17.61	178	542385m	57.867	ng/ul	
72) Anthracene	17.70	178	142523m	15.255	ng/ul	
75) Carbazole	17.96	167	12374m	1.661	ng/ul	
77) Fluoranthene	19.61	202	828432m	69.464	ng/ul	
80) Pyrene	19.97	202	667299	57.516	ng/ul#	98
83) Benzo(a)anthracene	21.83	228	459409	40.310	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.72	149	9134	1.686	ng/ul#	89
85) Chrysene	21.90	228	387550	36.030	ng/ul	98
88) Benzo(b)fluoranthene	24.16	252	405106	34.204	ng/ul	97
89) Benzo(k)fluoranthene	24.21	252	165221m	14.076	ng/ul	
91) Benzo(a)pyrene	25.06	252	300850	28.168	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	29.10	276	172064	13.210	ng/ul	99
93) Dibenzo(a,h)anthracene	29.14	278	66154m	6.059	ng/ul	
94) Benzo(g,h,i)perylene	30.31	276	145482	13.605	ng/ul	100

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

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