

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112120\  
 Data File : BG047409.D  
 Acq On : 22 Nov 2020 00:33  
 Operator : CG/JU  
 Sample : L4711-06  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampled :  
 C0BF3

Manual Integrations  
 APPROVED

mohammad  
 11/24/2020 9:01:11 AM

Quant Time: Nov 23 06:26:36 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG111920MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Nov 23 05:04:11 2020  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	40523	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	154552	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	106846	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	249869	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	218558	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	222719	20.00	ng/ul	0.01

## System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	3635	3.26	ng/uL	0.00
5) Phenol-d5	7.40	99	93613	23.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	49209	21.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	68102	24.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	70236	22.49	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	34486	27.01	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	42239	30.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	89976	28.21	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	82416	25.55	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	257856	28.11	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	328576	31.00	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	37782	27.00	ng/ul	0.01
58) Fluorene-d10	15.87	176	240249	28.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	26714	18.78	ng/ul	0.00
71) Anthracene-d10	17.72	188	378672	30.55	ng/ul	0.00
79) Pyrene-d10	19.98	212	393151	30.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	381327	29.75	ng/ul	0.01

## Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
45) Dimethylphthalate	14.33	163	96853	10.352	ng/ul#	99
70) Phenanthrene	17.66	178	14182	1.051	ng/ul#	95
77) Fluoranthene	19.65	202	44016	2.583	ng/ul#	95
80) Pyrene	20.01	202	37889	2.447	ng/ul#	92
81) Butylbenzylphthalate	20.88	149	7025	1.292	ng/ul	96
83) Benzo(a)anthracene	21.88	228	24059m	1.547	ng/ul	
84) Bis(2-ethylhexyl)phthalate	21.77	149	35273	4.654	ng/ul	98
85) Chrysene	21.95	228	23710	1.602	ng/ul	94
88) Benzo(b)fluoranthene	24.22	252	29177	1.855	ng/ul#	99
89) Benzo(k)fluoranthene	24.24	252	24432m	1.577	ng/ul	
91) Benzo(a)pyrene	25.14	252	24835	1.772	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	29.21	276	21355m	1.252	ng/ul	
94) Benzo(g,h,i)perylene	30.43	276	18952m	1.347	ng/ul	

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

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