

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
 Data File : BM024538.D
 Acq On : 18 Jan 2020 16:35
 Operator : JU
 Sample : L1109-10 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GASG9

Manual Integrations
 APPROVED

mohammad
 1/21/2020 7:59:54 AM

Quant Time: Jan 20 11:07:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 20 03:25:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	132260	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	574751	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	549195	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	1233639	20.00	ng/ul	0.02
78) Chrysene-d12	21.11	240	1879772	20.00	ng/ul	0.05
86) Perylene-d12	23.23	264	1711660	20.00	ng/ul	0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	1238m	0.46	ng/uL	0.00
5) Phenol-d5	6.65	99	31990	3.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	21587	3.96	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	27403	3.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	32810	3.63	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	17057	4.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	17927	4.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	33831	3.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	236058	21.57	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	149687	3.48	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	149521	3.02	ng/ul	0.01
52) 4-Nitrophenol-d4	14.33	143	48991	6.82	ng/ul	0.02
58) Fluorene-d10	15.12	176	136337	3.60	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.23	200	10331m	1.47	ng/ul	0.00
71) Anthracene-d10	16.99	188	218411	3.81	ng/ul	0.04
79) Pyrene-d10	19.29	212	368221	3.66	ng/ul	0.03
90) Benzo(a)pyrene-d12	23.10	264	283200	3.19	ng/ul	0.06

Target Compounds

					Ovalue
14) Acetophenone	8.26	105	228603m	16.112	ng/ul
24) 2,4-Dimethylphenol	9.45	107	36401m	3.507	ng/ul
28) Naphthalene	10.27	128	2416849	82.081	ng/ul 100
34) 2-Methylnaphthalene	11.90	142	9767251	427.492	ng/ul 99
41) 1,1'-Biphenyl	12.94	154	6682984	167.610	ng/ul 100
48) Acenaphthylene	13.83	152	15490428	306.196	ng/ul# 89
50) Acenaphthene	14.17	153	3571551	104.308	ng/ul 98
54) Dibenzofuran	14.52	168	16404284	327.037	ng/ul# 81
59) Fluorene	15.18	166	18052701	425.669	ng/ul# 98
65) N-Nitrosodiphenylamine	15.40	169	358098	10.451	ng/ul# 73
70) Phenanthrene	16.91	178	37050884m	556.906	ng/ul
72) Anthracene	17.02	178	20337811m	299.775	ng/ul
75) Carbazole	17.28	167	10497228	183.888	ng/ul 99
77) Fluoranthene	18.95	202	30749339m	378.164	ng/ul
80) Pyrene	19.31	202	31275893m	243.044	ng/ul
83) Benzo(a)anthracene	21.07	228	27417434m	214.112	ng/ul
85) Chrysene	21.13	228	22509242m	182.423	ng/ul
88) Benzo(b)fluoranthene	22.62	252	30652314m	270.943	ng/ul
89) Benzo(k)fluoranthene	22.65	252	8715726m	78.390	ng/ul
91) Benzo(a)pyrene	23.15	252	23910801m	243.206	ng/ul
92) Indeno(1,2,3-cd)pyrene	25.35	276	11332981	110.168	ng/ul 98
93) Dibenz(a,h)anthracene	25.34	278	4507639	51.631	ng/ul# 94
94) Benzo(g,h,i)perylene	25.99	276	8719258	106.650	ng/ul 98

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

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