

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051819\
 Data File : BM020418.D
 Acq On : 19 May 2019 02:54
 Operator : JU/SJ
 Sample : K2633-19
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GAJB1

Manual Integrations
 APPROVED

mohammad
 5/20/2019 2:48:33 PM

Quant Time: May 20 10:16:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 18 05:13:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	134298	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	505078	20.00	ng/ul	0.03
35) Acenaphthene-d10	14.39	164	280014	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.16	188	515422	20.00	ng/ul	0.02
77) Chrysene-d12	21.34	240	488815	20.00	ng/ul	0.02
85) Perylene-d12	23.63	264	586443	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	10078	2.77	ng/uL	0.00
5) Phenol-d5	6.90	99	182317	17.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	124864	18.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	143705	18.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	68881	8.83	ng/ul	0.01
19) Nitrobenzene-d5	8.91	128	73333	22.32	ng/ul	0.01
22) 2-Nitrophenol-d4	9.63	143	80650	22.25	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.17	165	143638	18.74	ng/ul	0.02
29) 4-Chloroaniline-d4	10.69	131	99938	12.63	ng/ul	0.02
43) Dimethylphthalate-d6	13.80	166	458153	22.74	ng/ul	0.01
46) Acenaphthylene-d8	14.09	160	546914	21.70	ng/ul	0.02
51) 4-Nitrophenol-d4	14.62	143	27533	9.41	ng/ul	0.02
57) Fluorene-d10	15.39	176	365904	20.42	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.55	200	12295m	4.19	ng/ul	0.04
70) Anthracene-d10	17.26	188	501234	22.67	ng/ul	0.02
78) Pyrene-d10	19.55	212	530489	22.53	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.48	264	590562	22.16	ng/ul	0.04

Target Compounds

					Ovalue
6) Phenol	6.93	94	38423	3.409	ng/ul# 88
28) Naphthalene	10.61	128	34770406m	1498.368	ng/ul
34) 2-Methylnaphthalene	12.23	142	12070173	718.388	ng/ul 96
40) 1,1'-Biphenyl	13.23	154	2064595	102.992	ng/ul 100
44) Dimethylphthalate	13.85	163	173139	8.687	ng/ul 98
47) Acenaphthylene	14.13	152	3834498	161.360	ng/ul 97
49) Acenaphthene	14.46	153	579490	35.471	ng/ul 97
53) Dibenzofuran	14.80	168	600260	24.263	ng/ul 97
58) Fluorene	15.46	166	4040284	203.863	ng/ul 99
69) Phenanthrene	17.22	178	17723276m	721.674	ng/ul
71) Anthracene	17.30	178	4211453	168.584	ng/ul 100
74) Carbazole	17.56	167	128813	6.075	ng/ul 93
76) Fluoranthene	19.22	202	7068504	227.852	ng/ul 98
79) Pyrene	19.59	202	10121894m	344.990	ng/ul
82) Benzo(a)anthracene	21.33	228	3740667m	127.144	ng/ul
84) Chrysene	21.39	228	3109458	110.594	ng/ul 96
87) Benzo(b)fluoranthene	22.94	252	2443518	73.006	ng/ul 98
88) Benzo(k)fluoranthene	22.98	252	839259m	25.529	ng/ul
90) Benzo(a)pyrene	23.53	252	3005988	95.434	ng/ul 99
91) Indeno(1,2,3-cd)pyrene	25.95	276	1205062	33.576	ng/ul# 96
92) Dibenz(a,h)anthracene	25.95	278	347914	11.336	ng/ul# 94
93) Benzo(a,h,i)perylene	26.67	276	1030873	34.698	ng/ul 98

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

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