

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050219\
 Data File : BN005437.D
 Acq On : 03 May 2019 04:13
 Operator : JU/SJ
 Sample : K2603-16 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ68

Quant Time: May 03 07:14:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 03:02:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	387871	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1545711	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.23	164	1026148	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2194916	20.00	ng/ul	0.01
77) Chrysene-d12	21.21	240	1814825	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	1773721	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	5114	0.64	ng/uL	0.00
5) Phenol-d5	6.78	99	116677	3.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	81001	4.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	101091	4.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	90555	3.80	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	60650	6.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	57580	5.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	106621	4.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	479482	21.03	ng/ul	-0.02
43) Dimethylphthalate-d6	13.65	166	352828	4.74	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	434712	4.75	ng/ul	0.01
51) 4-Nitrophenol-d4	14.46	143	63835	5.43	ng/ul	0.02
57) Fluorene-d10	15.23	176	308506	4.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	16046	1.63	ng/ul	-0.02
70) Anthracene-d10	17.09	188	477295	5.19	ng/ul	0.01
78) Pyrene-d10	19.40	212	519067	5.59	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	393538	5.08	ng/ul	-0.01

Target Compounds

					Qvalue
4) Benzaldehyde	6.76	77	117318	5.434 ng/ul#	1
17) Hexachloroethane	8.68	117	341560	32.634 ng/ul#	6
21) Isophorone	9.29	82	77208	1.489 ng/ul#	1
32) Caprolactam	11.29	113	37457	5.674 ng/ul#	1
40) 1,1'-Biphenyl	13.06	154	2540487	33.227 ng/ul	98
44) Dimethylphthalate	13.69	163	134264	1.809 ng/ul#	84
47) Acenaphthylene	13.96	152	9857097	109.631 ng/ul#	94
49) Acenaphthene	14.30	153	1329012	21.652 ng/ul	98
53) Dibenzofuran	14.63	168	1415666	16.019 ng/ul	89
54) 2,4-Dinitrotoluene	14.60	165	90185	4.881 ng/ul#	54
58) Fluorene	15.29	166	6128802	88.874 ng/ul	97
64) N-Nitrosodiphenylamine	15.37	169	291471	4.852 ng/ul	100
69) Phenanthrene	17.13	178	5462486	51.101 ng/ul	99
71) Anthracene	17.13	178	5478759	50.313 ng/ul	99
74) Carbazole	17.39	167	454804	4.862 ng/ul#	86
76) Fluoranthene	19.06	202	5220727	44.032 ng/ul	96
79) Pyrene	19.43	202	7350914	62.909 ng/ul#	95
82) Benzo(a)anthracene	21.25	228	2047912	18.139 ng/ul	94
84) Chrysene	21.25	228	2054019	19.603 ng/ul	98
87) Benzo(b)fluoranthene	22.76	252	1101298	11.045 ng/ul	99
88) Benzo(k)fluoranthene	22.76	252	1101298	11.565 ng/ul	98
90) Benzo(a)pyrene	23.32	252	1215472	12.969 ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.59	276	416337	4.018 ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) Dibenzo(a,h)anthracene	25.60	278	129186	1.469	ng/ul	98
93) Benzo(g,h,i)perylene	26.25	276	428191	4.998	ng/ul	97

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

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