

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
 Data File : BN005314.D
 Acq On : 26 Apr 2019 11:04
 Operator : JU/SJ
 Sample : K2481-22 10X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHX5

Manual Integrations
 APPROVED

Sohil
 4/30/2019 7:00:43 PM

Quant Time: Apr 29 03:11:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	479379	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1951307	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1198613	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2685573	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	2512242	20.00	ng/ul	-0.01
85) Perylene-d12	23.41	264	2420966	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	3922	0.40	ng/uL	0.00
5) Phenol-d5	6.78	99	88727	2.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	57011	2.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	72383	2.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	79362	2.70	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	43976	3.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	39312	3.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	75948	2.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	266793	9.27	ng/ul	-0.02
43) Dimethylphthalate-d6	13.65	166	250415	2.88	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	304757	2.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	43845	3.19	ng/ul	0.00
57) Fluorene-d10	15.23	176	224028	3.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	11120	0.92	ng/ul	0.00
70) Anthracene-d10	17.09	188	335322	2.98	ng/ul	0.00
78) Pyrene-d10	19.40	212	381137	2.97	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	314450	2.97	ng/ul	-0.04

Target Compounds

					Qvalue
6) Phenol	6.80	94	201425	5.201 ng/ul	94
11) 2-Methylphenol	8.03	108	87237	3.006 ng/ul	95
16) 4-Methylphenol	8.36	108	177289	5.657 ng/ul	97
24) 2,4-Dimethylphenol	9.55	107	172807m	5.002 ng/ul	
28) Naphthalene	10.41	128	22520504m	248.261 ng/ul	
34) 2-Methylnaphthalene	12.04	142	12141033	182.789 ng/ul	100
40) 1,1'-Biphenyl	13.06	154	1779226	19.922 ng/ul	99
47) Acenaphthylene	13.95	152	6036295	57.476 ng/ul#	97
49) Acenaphthene	14.29	153	1073842	14.977 ng/ul	99
53) Dibenzofuran	14.63	168	3919927	37.973 ng/ul	99
58) Fluorene	15.29	166	5251901	65.200 ng/ul	97
69) Phenanthrene	17.03	178	16526148m	126.355 ng/ul	
71) Anthracene	17.12	178	6233384	46.784 ng/ul	100
74) Carbazole	17.39	167	1483891	12.965 ng/ul	98
76) Fluoranthene	19.06	202	10676149	73.592 ng/ul	100
79) Pyrene	19.43	202	10260904	63.435 ng/ul	99
82) Benzo(a)anthracene	21.20	228	4946191	31.648 ng/ul	92
84) Chrysene	21.25	228	3960706	27.306 ng/ul	97
87) Benzo(b)fluoranthene	22.76	252	3336605	24.518 ng/ul	99
88) Benzo(k)fluoranthene	22.80	252	933110m	7.179 ng/ul	
90) Benzo(a)pyrene	23.32	252	2677983	20.935 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.58	276	1103322	7.801 ng/ul	96
92) Dibenzo(a,h)anthracene	25.59	278	342207	2.851 ng/ul#	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Benzo(g,h,i)perylene	26.24	276	879703	7.523	ng/ul	98

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

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