

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
 Data File : BN005204.D
 Acq On : 23 Apr 2019 09:05
 Operator : JU/SJ
 Sample : K2455-08MSD
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ8MSD

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:20:12 PM

Quant Time: Apr 23 10:17:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 23 03:50:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	349927	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1406226	20.00	ng/ul	0.04
35) Acenaphthene-d10	14.25	164	1307038m	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.01	188	1916355m	20.00	ng/ul	0.02
77) Chrysene-d12	21.26	240	1562094	20.00	ng/ul	0.04
85) Perylene-d12	23.49	264	1901788	20.00	ng/ul	0.06

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	121603	16.78	ng/uL	0.00
5) Phenol-d5	6.78	99	1891831	68.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	1171561	68.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	1481936	70.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	1553238	72.30	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	844728	97.60	ng/ul	0.01
22) 2-Nitrophenol-d4	9.46	143	756433	86.21	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.00	165	1488985	74.03	ng/ul	0.01
29) 4-Chloroaniline-d4	10.51	131	1791027m	86.35	ng/ul	0.01
43) Dimethylphthalate-d6	13.69	166	3826768	40.33	ng/ul	0.04
46) Acenaphthylene-d8	13.96	160	4770041	40.93	ng/ul	0.04
51) 4-Nitrophenol-d4	14.46	143	684433m	45.69	ng/ul	0.03
57) Fluorene-d10	15.26	176	3016997m	37.89	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.42	200	38329m	4.45	ng/ul	0.06
70) Anthracene-d10	17.12	188	4409318	54.89	ng/ul	0.04
78) Pyrene-d10	19.42	212	4604156	57.62	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.35	264	4761014	57.28	ng/ul	0.07

Target Compounds

					Ovalue	
6) Phenol	6.81	94	1874706	66.316	ng/ul	100
10) 2-Chlorophenol	7.18	128	1460232	67.155	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.41	70	1263280	68.686	ng/ul	94
24) 2,4-Dimethylphenol	9.58	107	32271	1.296	ng/ul#	47
28) Naphthalene	10.42	128	49907387m	763.423	ng/ul	
33) 4-Chloro-3-methylphenol	11.72	107	1604849	71.802	ng/ul#	49
34) 2-Methylnaphthalene	12.05	142	68865432m	1438.684	ng/ul	
40) 1,1'-Biophenyl	13.08	154	16388680	168.285	ng/ul	90
44) Dimethylphthalate	13.73	163	661170	6.994	ng/ul	96
47) Acenaphthylene	13.98	152	26400502m	230.526	ng/ul	
49) Acenaphthene	14.32	153	9241189	118.199	ng/ul	99
52) 4-Nitrophenol	14.47	109	524046m	38.537	ng/ul	
53) Dibenzofuran	14.66	168	7962161	70.733	ng/ul	91
58) Fluorene	15.32	166	22846334m	260.099	ng/ul	
68) Pentachlorophenol	16.67	266	648568	53.881	ng/ul	99
69) Phenanthrene	17.04	178	37905570m	406.147	ng/ul	
71) Anthracene	17.15	178	17552109m	184.614	ng/ul	
76) Fluoranthene	19.08	202	18726989m	180.902	ng/ul	
79) Pyrene	19.45	202	24387128m	242.469	ng/ul	
82) Benzo(a)anthracene	21.23	228	15410727	158.582	ng/ul#	65
84) Chrysene	21.29	228	14897483	165.178	ng/ul#	90
87) Benzo(b)fluoranthene	22.84	252	13385849	125.213	ng/ul	98
88) Benzo(k)fluoranthene	22.87	252	4401044m	43.105	ng/ul	

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90) Benzo(a)pyrene	23.40	252	12059714	120.015	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.69	276	6203958	55.842	ng/ul	95
92) Dibenzo(a,h)anthracene	25.69	278	2089410	22.161	ng/ul	96
93) Benzo(g,h,i)perylene	26.36	276	4518602	49.189	ng/ul	97

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

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