

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052521\
 Data File : BN014739.D
 Acq On : 25 May 2021 17:39
 Operator : CG/JU
 Sample : PB136607BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS607

Manual Integrations
 APPROVED

mohammad
 5/26/2021 3:02:24 PM

Quant Time: May 25 18:09:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 25 10:33:04 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	162331	20.00	ng/ul	0.00
20) Naphthalene-d8	10.499	136	661780	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.363	164	506476	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	1302494	20.00	ng/ul	0.00
79) Chrysene-d12	21.321	240	1660277	20.00	ng/ul	0.00
88) Perylene-d12	23.586	264	2020805	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	23520	5.90	ng/uL	0.00
4) Pyridine-d5	3.628	84	334106	33.28	ng/ul	0.00
7) Phenol-d5	6.887	99	595443	37.46	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	283128	35.82	ng/ul	0.00
11) 2-Chlorophenol-d4	7.252	132	379080	38.51	ng/ul	0.00
15) 4-Methylphenol-d8	8.422	113	455578	36.86	ng/ul	0.00
21) Nitrobenzene-d5	8.863	128	200505	40.22	ng/ul	0.00
24) 2-Nitrophenol-d4	9.587	143	205910	38.43	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	446380	36.54	ng/ul	0.00
31) 4-Chloroaniline-d4	10.634	131	530857	36.86	ng/ul	0.00
46) Dimethylphthalate-d6	13.775	166	1626917	40.43	ng/ul	0.00
49) Acenaphthylene-d8	14.051	160	1803942	38.77	ng/ul	0.00
54) 4-Nitrophenol-d4	14.575	143	268383	41.99	ng/ul	0.00
60) Fluorene-d10	15.363	176	1391629	40.14	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	299671	42.06	ng/ul	0.00
73) Anthracene-d10	17.216	188	2302997	37.85	ng/ul	0.00
81) Pyrene-d10	19.522	212	2975555	38.01	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.439	264	4265439	39.63	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	56238	12.02	ng/uL	95
5) Pyridine	3.646	79	292713	27.82	ng/ul	97
6) Benzaldehyde	6.858	77	328056	38.33	ng/ul	97
8) Phenol	6.916	94	546168	33.39	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.140	93	408617	32.37	ng/ul	98
12) 2-Chlorophenol	7.281	128	346517	33.63	ng/ul	96
13) 2-Methylphenol	8.157	108	395999	32.97	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.246	45	250102	31.41	ng/ul	99
16) Acetophenone	8.534	105	707853	34.60	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.516	70	336458	34.15	ng/ul	96
18) 4-Methylphenol	8.481	108	438017	33.44	ng/ul	100
19) Hexachloroethane	8.787	117	166729	32.32	ng/ul	92
22) Nitrobenzene	8.904	77	525136	33.75	ng/ul	98
23) Isophorone	9.428	82	1001368	33.90	ng/ul	100
25) 2-Nitrophenol	9.616	139	193193	33.93	ng/ul	95
26) 2,4-Dimethylphenol	9.681	107	528214	30.13	ng/ul	92
27) Bis(2-Chloroethoxy)met...	9.916	93	584688	32.57	ng/ul	99
29) 2,4-Dichlorophenol	10.151	162	402608	34.36	ng/ul	98
30) Naphthalene	10.551	128	1201752	33.41	ng/ul	97
32) 4-Chloroaniline	10.657	127	472819	30.84	ng/ul	97
33) Hexachlorobutadiene	10.834	225	336885	32.15	ng/ul	95
34) Caprolactam	11.416	113	131304m	34.68	ng/ul	
35) 4-Chloro-3-methylphenol	11.798	107	620778	36.56	ng/ul	98
36) 2-Methylnaphthalene	12.169	142	879078	32.79	ng/ul	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.393	142	863035	32.74	ng/ul#	92
39) 1,2,4,5-Tetrachloroben...	12.545	216	616656	32.20	ng/ul	97
40) Hexachlorocyclopentadiene	12.522	237	335365	26.44	ng/ul	93
41) 2,4,6-Trichlorophenol	12.787	196	384588	35.76	ng/ul	98
42) 2,4,5-Trichlorophenol	12.869	196	419100	35.71	ng/ul	94
43) 1,1'-Biphenyl	13.192	154	1226435	33.85	ng/ul	95
44) 2-Chloronaphthalene	13.228	162	1015503	34.98	ng/ul	98
45) 2-Nitroaniline	13.440	65	338208	38.25	ng/ul	93
47) Dimethylphthalate	13.822	163	1412019	35.48	ng/ul	98
48) 2,6-Dinitrotoluene	13.939	165	276557	37.39	ng/ul	97
50) Acenaphthylene	14.081	152	1485805	34.73	ng/ul	97
51) 3-Nitroaniline	14.269	138	274392	38.24	ng/ul	94
52) Acenaphthene	14.428	153	1073348	34.63	ng/ul	92
53) 2,4-Dinitrophenol	14.475	184	133536	24.87	ng/ul	96
55) 4-Nitrophenol	14.592	109	302759	24.71	ng/ul	90
56) Dibenzofuran	14.763	168	1598357	34.66	ng/ul	92
57) 2,4-Dinitrotoluene	14.728	165	465975	39.54	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.992	232	436744	36.18	ng/ul	96
59) Diethylphthalate	15.198	149	1437221	37.56	ng/ul	97
61) Fluorene	15.416	166	1231148	35.49	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.416	204	730205	35.58	ng/ul	94
63) 4-Nitroaniline	15.439	138	280876	38.53	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.498	198	263121	37.75	ng/ul#	99
67) N-Nitrosodiphenylamine	15.628	169	1216818	34.68	ng/ul	98
68) 4-Bromophenyl-phenylether	16.310	248	596023	35.14	ng/ul	95
69) Hexachlorobenzene	16.422	284	753887	35.53	ng/ul	95
70) Atrazine	16.586	200	518797	35.76	ng/ul	95
71) Pentachlorophenol	16.769	266	388039	31.76	ng/ul	92
72) Phenanthrene	17.157	178	2396074	35.21	ng/ul	97
74) Anthracene	17.251	178	2393386	34.89	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.151	216	655892	30.47	ng/uL	94
76) Pentachlorobenzene	14.687	250	723866	32.52	ng/uL	97
77) Carbazole	17.522	167	2155618	37.29	ng/ul	99
78) Di-n-butylphthalate	18.092	149	2480909	36.42	ng/ul	98
80) Fluoranthene	19.180	202	3264750	35.37	ng/ul	99
82) Pyrene	19.551	202	3298302	34.74	ng/ul	98
83) Butylbenzylphthalate	20.457	149	1206265	37.82	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.239	252	1184991	37.86	ng/ul	87
85) Benzo(a)anthracene	21.304	228	3646542	35.23	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.245	149	1648244	35.85	ng/ul	99
87) Chrysene	21.357	228	3653590	35.06	ng/ul	97
89) Di-n-octyl phthalate	22.127	149	3466241	38.77	ng/ul	100
90) Benzo(b)fluoranthene	22.904	252	4612513	38.03	ng/ul	97
91) Benzo(k)fluoranthene	22.951	252	4364401	36.12	ng/ul	98
93) Benzo(a)pyrene	23.486	252	4061872	37.01	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	25.880	276	5576412	37.08	ng/ul	97
95) Dibenzo(a,h)anthracene	25.892	278	4666999	37.50	ng/ul	100
96) Benzo(g,h,i)perylene	26.574	276	4984326	37.45	ng/ul	96

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

