

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062621\
 Data File : BN015098.D
 Acq On : 26 Jun 2021 03:52
 Operator : CG/JU
 Sample : PB137260BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS260

Manual Integrations
 APPROVED

mohammad
 6/28/2021 1:25:34 PM

Quant Time: Jun 26 04:37:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 24 14:43:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	176207	20.000	ng/u1	0.00
20) Naphthalene-d8	10.499	136	731085	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.351	164	431799	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	878540	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	825252	20.000	ng/u1	0.00
88) Perylene-d12	23.539	264	807200	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	29115	6.429	ng/uL	0.00
4) Pyridine-d5	3.676	84	338803	27.751	ng/u1	0.00
7) Phenol-d5	6.899	99	551265	36.045	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.064	67	318764	35.491	ng/u1	0.00
11) 2-Chlorophenol-d4	7.264	132	435408	37.547	ng/u1	0.00
15) 4-Methylphenol-d8	8.422	113	416988	35.328	ng/u1	0.00
21) Nitrobenzene-d5	8.869	128	209159	41.823	ng/u1	0.00
24) 2-Nitrophenol-d4	9.587	143	206690	46.398	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	409333	38.930	ng/u1	0.00
31) 4-Chloroaniline-d4	10.634	131	539059	33.081	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	1179471	39.779	ng/u1	0.00
49) Acenaphthylene-d8	14.046	160	1504472	39.086	ng/u1	0.00
54) 4-Nitrophenol-d4	14.546	143	223456	43.207	ng/u1	0.00
60) Fluorene-d10	15.346	176	1020557	39.564	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	144306	39.771	ng/u1	0.00
73) Anthracene-d10	17.198	188	1479956	36.805	ng/u1	0.00
81) Pyrene-d10	19.498	212	1654310	38.245	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.398	264	1676227	42.065	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	70813	15.173	ng/uL	95
5) Pyridine	3.693	79	379900	29.909	ng/u1	98
6) Benzaldehyde	6.875	77	325932	45.824	ng/u1	96
8) Phenol	6.922	94	563325	36.333	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.158	93	434591	35.482	ng/u1	98
12) 2-Chlorophenol	7.293	128	434536	37.032	ng/u1	100
13) 2-Methylphenol	8.158	108	411834	35.575	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.258	45	555367	34.809	ng/u1	99
16) Acetophenone	8.540	105	651933	36.462	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.528	70	321701	36.732	ng/u1	99
18) 4-Methylphenol	8.487	108	447369	36.033	ng/u1	98
19) Hexachloroethane	8.799	117	173588	36.193	ng/u1	97
22) Nitrobenzene	8.916	77	472288	38.681	ng/u1	96
23) Isophorone	9.434	82	923533	38.462	ng/u1	99
25) 2-Nitrophenol	9.622	139	227061	45.981	ng/u1	95
26) 2,4-Dimethylphenol	9.681	107	345653	26.999	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.916	93	575686	37.578	ng/u1	97
29) 2,4-Dichlorophenol	10.146	162	400261	39.083	ng/u1	99
30) Naphthalene	10.552	128	1346907	36.105	ng/u1	99
32) 4-Chloroaniline	10.658	127	530995	33.155	ng/u1	98
33) Hexachlorobutadiene	10.840	225	236007	37.124	ng/u1	99
34) Caprolactam	11.405	113	150304m	42.973	ng/u1	
35) 4-Chloro-3-methylphenol	11.781	107	455027	40.605	ng/u1	99
36) 2-Methylnaphthalene	12.163	142	954139	36.944	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.387	142	924457	35.723	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.534	216	462555	38.377	ng/ul	98
40) Hexachlorocyclopentadiene	12.516	237	170487	25.918	ng/ul#	96
41) 2,4,6-Trichlorophenol	12.775	196	297032	42.148	ng/ul	98
42) 2,4,5-Trichlorophenol	12.846	196	330668	42.231	ng/ul	98
43) 1,1'-Biphenyl	13.187	154	1221919	39.215	ng/ul	98
44) 2-Chloronaphthalene	13.222	162	942761	38.843	ng/ul	98
45) 2-Nitroaniline	13.422	65	288497	51.091	ng/ul	98
47) Dimethylphthalate	13.810	163	1178025	41.049	ng/ul	99
48) 2,6-Dinitrotoluene	13.928	165	248467	51.459	ng/ul	94
50) Acenaphthylene	14.075	152	1404932	38.682	ng/ul	99
51) 3-Nitroaniline	14.251	138	273407	50.081	ng/ul#	93
52) Acenaphthene	14.416	153	1018231	39.850	ng/ul	100
53) 2,4-Dinitrophenol	14.457	184	91791	41.400	ng/ul	99
55) 4-Nitrophenol	14.563	109	170885	45.310	ng/ul	96
56) Dibenzofuran	14.751	168	1439703	40.115	ng/ul	99
57) 2,4-Dinitrotoluene	14.716	165	353976	52.572	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.981	232	249352	43.446	ng/ul	96
59) Diethylphthalate	15.187	149	1207918	42.164	ng/ul	100
61) Fluorene	15.404	166	1126391	39.647	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.404	204	540269	40.022	ng/ul	97
63) 4-Nitroaniline	15.422	138	282965	55.701	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.481	198	155141	42.307	ng/ul#	94
67) N-Nitrosodiphenylamine	15.616	169	996998	39.124	ng/ul	99
68) 4-Bromophenyl-phenylether	16.298	248	341335	40.361	ng/ul	97
69) Hexachlorobenzene	16.410	284	371503	39.199	ng/ul	99
70) Atrazine	16.569	200	224581	25.328	ng/ul	99
71) Pentachlorophenol	16.751	266	192858	38.897	ng/ul	94
72) Phenanthrene	17.140	178	1818519	39.218	ng/ul	100
74) Anthracene	17.234	178	1802370	37.863	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.146	216	468372	37.646	ng/ul	98
76) Pentachlorobenzene	14.675	250	446930	37.517	ng/ul	95
77) Carbazole	17.504	167	1713172	39.929	ng/ul	99
78) Di-n-butylphthalate	18.075	149	2084793	42.686	ng/ul	100
80) Fluoranthene	19.163	202	2065729	39.562	ng/ul	99
82) Pyrene	19.528	202	2096866	38.529	ng/ul	99
83) Butylbenzylphthalate	20.439	149	938057	48.357	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.216	252	556892	32.769	ng/ul	99
85) Benzo(a)anthracene	21.281	228	2077716	40.705	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.222	149	1349970	43.454	ng/ul	99
87) Chrysene	21.333	228	1996934	39.729	ng/ul	97
89) Di-n-octyl phthalate	22.104	149	2405844	47.659	ng/ul	100
90) Benzo(b)fluoranthene	22.869	252	2177975	44.807	ng/ul	98
91) Benzo(k)fluoranthene	22.916	252	1956629	39.772	ng/ul	98
93) Benzo(a)pyrene	23.445	252	1893951	42.868	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.804	276	2352857	43.895	ng/ul	99
95) Dibenzo(a,h)anthracene	25.816	278	1935285	43.561	ng/ul	98
96) Benzo(g,h,i)perylene	26.492	276	1992832	43.009	ng/ul	99

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

