

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060722\
 Data File : BN020046.D
 Acq On : 08 Jun 2022 01:55
 Operator : CG/JU
 Sample : PB145310BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS310

Quant Time: Jun 08 02:35:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 06 15:14:59 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/08/2022
 Supervised By :mohammad ahmed 06/09/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	144158	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	675558	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	442100	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.192	188	918171	20.000	ng/u1	0.00
79) Chrysene-d12	21.380	240	854792	20.000	ng/u1	0.00
88) Perylene-d12	23.710	264	850709	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	19348	5.813	ng/uL	0.00
4) Pyridine-d5	3.687	84	271570	29.852	ng/u1	0.00
7) Phenol-d5	6.993	99	396735	33.259	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	234933	31.523	ng/u1	0.00
11) 2-Chlorophenol-d4	7.352	132	323703	33.398	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	347890	33.709	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	167673	32.624	ng/u1	0.00
24) 2-Nitrophenol-d4	9.699	143	185800	34.064	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	322748	33.895	ng/u1	0.00
31) 4-Chloroaniline-d4	10.746	131	442204	28.678	ng/u1	0.00
46) Dimethylphthalate-d6	13.863	166	1034390	32.156	ng/u1	0.00
49) Acenaphthylene-d8	14.145	160	1207912	32.379	ng/u1	0.00
54) 4-Nitrophenol-d4	14.645	143	220326	34.180	ng/u1	0.00
60) Fluorene-d10	15.440	176	858638	32.257	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	183299	34.464	ng/u1	0.00
73) Anthracene-d10	17.286	188	1306402	32.602	ng/u1	0.00
81) Pyrene-d10	19.586	212	1495283	32.268	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.563	264	1428452	34.319	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	38303	10.901	ng/uL#	90
5) Pyridine	3.705	79	267609	28.060	ng/u1	90
6) Benzaldehyde	6.958	77	222941	39.665	ng/u1	96
8) Phenol	7.016	94	394815	31.083	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.246	93	298284	30.003	ng/u1	97
12) 2-Chlorophenol	7.387	128	311127	30.710	ng/u1	98
13) 2-Methylphenol	8.263	108	303005	31.030	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.352	45	462366	29.659	ng/u1	97
16) Acetophenone	8.640	105	482631	30.751	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.634	70	249100	31.070	ng/u1	94
18) 4-Methylphenol	8.593	108	336197	31.194	ng/u1	98
19) Hexachloroethane	8.899	117	119690	29.361	ng/u1	89
22) Nitrobenzene	9.016	77	356654	29.929	ng/u1	94
23) Isophorone	9.540	82	716735	30.462	ng/u1	99
25) 2-Nitrophenol	9.728	139	186790	30.992	ng/u1	97
26) 2,4-Dimethylphenol	9.793	107	367193	29.407	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.028	93	422911	29.372	ng/u1	97
29) 2,4-Dichlorophenol	10.263	162	303608	30.824	ng/u1	98
30) Naphthalene	10.663	128	1029170	29.395	ng/u1	100
32) 4-Chloroaniline	10.769	127	449510	29.145	ng/u1	99
33) Hexachlorobutadiene	10.957	225	165749	29.310	ng/u1	98
34) Caprolactam	11.522	113	123759m	32.176	ng/u1	
35) 4-Chloro-3-methylphenol	11.899	107	374445	32.196	ng/u1	99
36) 2-Methylnaphthalene	12.275	142	718806	30.368	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.493	142	736478	30.490	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.646	216	327943	29.085	ng/ul	94
40) Hexachlorocyclopentadiene	12.628	237	166762	24.313	ng/ul	95
41) 2,4,6-Trichlorophenol	12.887	196	243683	31.343	ng/ul	96
42) 2,4,5-Trichlorophenol	12.957	196	271490	31.529	ng/ul	97
43) 1,1'-Biphenyl	13.287	154	957535	29.250	ng/ul	99
44) 2-Chloronaphthalene	13.328	162	736291	29.648	ng/ul	97
45) 2-Nitroaniline	13.528	65	253704	32.837	ng/ul	93
47) Dimethylphthalate	13.910	163	971032	29.986	ng/ul	99
48) 2,6-Dinitrotoluene	14.028	165	208823	32.982	ng/ul	95
50) Acenaphthylene	14.175	152	1235841	29.922	ng/ul	99
51) 3-Nitroaniline	14.351	138	227628	34.007	ng/ul	98
52) Acenaphthene	14.516	153	794857	29.463	ng/ul	98
53) 2,4-Dinitrophenol	14.557	184	122158	30.135	ng/ul	97
55) 4-Nitrophenol	14.663	109	173820	31.591	ng/ul	98
56) Dibenzofuran	14.851	168	1120616	29.483	ng/ul	96
57) 2,4-Dinitrotoluene	14.810	165	307846	32.838	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.081	232	212740	31.474	ng/ul	96
59) Diethylphthalate	15.275	149	1030256	30.901	ng/ul	99
61) Fluorene	15.498	166	876186	29.625	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.492	204	403417	29.619	ng/ul	92
63) 4-Nitroaniline	15.510	138	230035	36.778	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.581	198	168569	31.261	ng/ul	100
67) N-Nitrosodiphenylamine	15.704	169	794755	30.193	ng/ul	99
68) 4-Bromophenyl-phenylether	16.387	248	244294	30.552	ng/ul#	86
69) Hexachlorobenzene	16.504	284	268544	29.217	ng/ul#	83
70) Atrazine	16.657	200	266330	28.999	ng/ul	96
71) Pentachlorophenol	16.845	266	185468	32.398	ng/ul	97
72) Phenanthrene	17.234	178	1493863	30.830	ng/ul	99
74) Anthracene	17.328	178	1462681	30.020	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.251	216	359779	29.262	ng/ul	98
76) Pentachlorobenzene	14.775	250	327935	30.178	ng/ul	94
77) Carbazole	17.592	167	1414378	31.909	ng/ul	98
78) Di-n-butylphthalate	18.163	149	1758036	31.985	ng/ul	99
80) Fluoranthene	19.251	202	1706613	30.493	ng/ul	98
82) Pyrene	19.616	202	1727859	30.092	ng/ul	95
83) Butylbenzylphthalate	20.516	149	831453	32.176	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.298	252	531776	32.572	ng/ul#	95
85) Benzo(a)anthracene	21.363	228	1636696	30.322	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.304	149	1176518	32.269	ng/ul	99
87) Chrysene	21.416	228	1567422	29.682	ng/ul	98
89) Di-n-octyl phthalate	22.204	149	2142910	30.949	ng/ul	100
90) Benzo(b)fluoranthene	23.004	252	1708996	32.009	ng/ul#	95
91) Benzo(k)fluoranthene	23.051	252	1588578	31.255	ng/ul	96
93) Benzo(a)pyrene	23.610	252	1634705	31.630	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.110	276	1628041	30.617	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.121	278	1397582	30.772	ng/ul	96
96) Benzo(g,h,i)perylene	26.845	276	1385728	30.860	ng/ul	95

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

