

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110221\
 Data File : BN017244.D
 Acq On : 02 Nov 2021 17:23
 Operator : CG/JU
 Sample : PB140385BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SLCS385

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/02/2021
 Supervised By :mohammad ahmed 11/08/2021

Quant Time: Nov 02 17:52:04 2021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN110221.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Nov 02 15:59:34 2021

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.511	152	224946	20.000	ng/u1	0.00
20) Naphthalene-d8	10.287	136	1136865	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.169	164	749210	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.922	188	1590230	20.000	ng/u1	0.00
79) Chrysene-d12	21.139	240	1700360	20.000	ng/u1	0.00
88) Perylene-d12	23.339	264	1709059	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.034	96	28713	5.045	ng/uL	0.00
4) Pyridine-d5	3.428	84	403173	25.388	ng/u1	0.00
7) Phenol-d5	6.699	99	573286	27.610	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.864	67	333158	26.881	ng/u1	0.00
11) 2-Chlorophenol-d4	7.046	132	463429	28.087	ng/u1	0.00
15) 4-Methylphenol-d8	8.234	113	481081	28.102	ng/u1	0.00
21) Nitrobenzene-d5	8.664	128	233680	26.492	ng/u1	0.00
24) 2-Nitrophenol-d4	9.381	143	266268	27.064	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.916	165	475414	26.875	ng/u1	0.00
31) 4-Chloroaniline-d4	10.434	131	636734	24.018	ng/u1	0.00
46) Dimethylphthalate-d6	13.593	166	1470358	26.469	ng/u1	0.00
49) Acenaphthylene-d8	13.857	160	1832476	26.227	ng/u1	0.00
54) 4-Nitrophenol-d4	14.399	143	297942	27.326	ng/u1	0.00
60) Fluorene-d10	15.169	176	1270703	26.806	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.304	200	273990	26.935	ng/u1	0.00
73) Anthracene-d10	17.022	188	2012166	26.812	ng/u1	0.00
81) Pyrene-d10	19.328	212	2382498	25.894	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.204	264	2592775	28.081	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.070	88	62944	11.299	ng/uL	89
5) Pyridine	3.446	79	440980	27.258	ng/u1	100
6) Benzaldehyde	6.664	77	341926	32.448	ng/u1	98
8) Phenol	6.728	94	635159	30.190	ng/u1	98
10) Bis(2-Chloroethyl)ether	6.952	93	489334	29.351	ng/u1	99
12) 2-Chlorophenol	7.075	128	511203	30.307	ng/u1	99
13) 2-Methylphenol	7.964	108	489210	30.263	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.052	45	721506	29.225	ng/u1	100
16) Acetophenone	8.334	105	778569	30.235	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.328	70	391444	29.844	ng/u1	99
18) 4-Methylphenol	8.293	108	544216	30.401	ng/u1	99
19) Hexachloroethane	8.575	117	195832	29.722	ng/u1	95
22) Nitrobenzene	8.705	77	553664	27.922	ng/u1	99
23) Isophorone	9.228	82	1107804	28.106	ng/u1	99
25) 2-Nitrophenol	9.411	139	309726	29.205	ng/u1	96
26) 2,4-Dimethylphenol	9.487	107	592540	28.471	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.722	93	701852	27.891	ng/u1	98
29) 2,4-Dichlorophenol	9.940	162	513676	29.352	ng/u1	96
30) Naphthalene	10.334	128	1712930	28.038	ng/u1	100
32) 4-Chloroaniline	10.458	127	699362	26.274	ng/u1	98
33) Hexachlorobutadiene	10.622	225	294436	27.547	ng/u1	98
34) Caprolactam	11.210	113	181408m	28.154	ng/u1	
35) 4-Chloro-3-methylphenol	11.599	107	566821	28.881	ng/u1	98
36) 2-Methylnaphthalene	11.963	142	1181920	27.883	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.181	142	1188184	27.283	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.340	216	595196	27.739	ng/ul	98
40) Hexachlorocyclopentadiene	12.316	237	359495	26.294	ng/ul	96
41) 2,4,6-Trichlorophenol	12.587	196	412883	28.972	ng/ul	98
42) 2,4,5-Trichlorophenol	12.657	196	455778	29.164	ng/ul	98
43) 1,1'-Biphenyl	12.999	154	1575611	27.965	ng/ul	99
44) 2-Chloronaphthalene	13.034	162	1218920	28.051	ng/ul	98
45) 2-Nitroaniline	13.252	65	371355	30.709	ng/ul	96
47) Dimethylphthalate	13.640	163	1589387	28.731	ng/ul	100
48) 2,6-Dinitrotoluene	13.763	165	331384	30.530	ng/ul	99
50) Acenaphthylene	13.887	152	2058065	28.651	ng/ul	100
51) 3-Nitroaniline	14.087	138	336131	29.468	ng/ul	97
52) Acenaphthene	14.234	153	1315051	28.248	ng/ul	97
53) 2,4-Dinitrophenol	14.299	184	202897	28.692	ng/ul	93
55) 4-Nitrophenol	14.410	109	228530	30.177	ng/ul	94
56) Dibenzofuran	14.569	168	1878938	28.444	ng/ul	100
57) 2,4-Dinitrotoluene	14.551	165	493837	30.750	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.804	232	394877	29.752	ng/ul	96
59) Diethylphthalate	15.022	149	1603167	28.579	ng/ul	99
61) Fluorene	15.222	166	1499302	28.413	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.228	204	735827	28.031	ng/ul	99
63) 4-Nitroaniline	15.257	138	367531m	32.384	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.316	198	296932	29.404	ng/ul	98
67) N-Nitrosodiphenylamine	15.445	169	1345268	28.584	ng/ul	100
68) 4-Bromophenyl-phenylether	16.122	248	470486	28.605	ng/ul	95
69) Hexachlorobenzene	16.228	284	548595	28.689	ng/ul	98
70) Atrazine	16.410	200	496936	28.763	ng/ul	98
71) Pentachlorophenol	16.575	266	329201	27.994	ng/ul#	89
72) Phenanthrene	16.963	178	2461596	28.346	ng/ul	99
74) Anthracene	17.057	178	2537118	29.023	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.952	216	608604	27.319	ng/ul	99
76) Pentachlorobenzene	14.493	250	611512	26.411	ng/ul	97
77) Carbazole	17.334	167	2342584	29.904	ng/ul	97
78) Di-n-butylphthalate	17.922	149	2861201	30.321	ng/ul	99
80) Fluoranthene	18.992	202	3013660	27.815	ng/ul	96
82) Pyrene	19.363	202	3094288	27.884	ng/ul	97
83) Butylbenzylphthalate	20.292	149	1341084	29.055	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.069	252	1100130	28.112	ng/ul	98
85) Benzo(a)anthracene	21.122	228	3074860	27.578	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.081	149	2033766	28.911	ng/ul	98
87) Chrysene	21.175	228	3002469	27.725	ng/ul	97
89) Di-n-octyl phthalate	21.957	149	3553126	31.550	ng/ul	100
90) Benzo(b)fluoranthene	22.680	252	3438759	30.195	ng/ul	98
91) Benzo(k)fluoranthene	22.727	252	3264681	30.428	ng/ul	100
93) Benzo(a)pyrene	23.245	252	3400411	30.732	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.551	276	3974441	30.473	ng/ul	99
95) Dibenzo(a,h)anthracene	25.574	278	3392349	30.685	ng/ul	99
96) Benzo(g,h,i)perylene	26.227	276	3363806	30.480	ng/ul	99

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

