

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110221\
 Data File : BN017253.D
 Acq On : 02 Nov 2021 23:25
 Operator : CG/JU
 Sample : PB140353BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS353

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/03/2021
 Supervised By :mohammad ahmed 11/08/2021

Quant Time: Nov 02 23:58:24 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	296292	20.000	ng/u1	0.00
20) Naphthalene-d8	10.287	136	1429112	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.169	164	950761	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.922	188	1993938	20.000	ng/u1	0.00
79) Chrysene-d12	21.139	240	2139175	20.000	ng/u1	0.00
88) Perylene-d12	23.333	264	2257328	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.034	96	26485	3.533	ng/uL	0.00
4) Pyridine-d5	3.428	84	365319	17.465	ng/u1	0.00
7) Phenol-d5	6.699	99	513597	18.779	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.864	67	299985	18.376	ng/u1	0.00
11) 2-Chlorophenol-d4	7.046	132	413840	19.042	ng/u1	0.00
15) 4-Methylphenol-d8	8.234	113	422658	18.744	ng/u1	0.00
21) Nitrobenzene-d5	8.663	128	204221	18.418	ng/u1	0.00
24) 2-Nitrophenol-d4	9.381	143	225593	18.240	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.916	165	421147	18.939	ng/u1	0.00
31) 4-Chloroaniline-d4	10.434	131	581656	17.454	ng/u1	0.00
46) Dimethylphthalate-d6	13.593	166	1301090	18.456	ng/u1	0.00
49) Acenaphthylene-d8	13.857	160	1632906	18.416	ng/u1	0.00
54) 4-Nitrophenol-d4	14.398	143	257335	18.598	ng/u1	0.00
60) Fluorene-d10	15.169	176	1132950	18.834	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.304	200	238381	18.690	ng/u1	0.00
73) Anthracene-d10	17.022	188	1781319	18.930	ng/u1	0.00
81) Pyrene-d10	19.328	212	2125771	18.364	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.198	264	2217092	18.180	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.070	88	55874	7.614	ng/uL	94
5) Pyridine	3.446	79	394981	18.536	ng/u1	99
6) Benzaldehyde	6.664	77	297329	21.421	ng/u1	99
8) Phenol	6.728	94	554630	20.015	ng/u1	98
10) Bis(2-Chloroethyl)ether	6.952	93	434163	19.771	ng/u1	100
12) 2-Chlorophenol	7.075	128	445718	20.062	ng/u1	99
13) 2-Methylphenol	7.963	108	426564	20.034	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.052	45	640485	19.696	ng/u1	99
16) Acetophenone	8.334	105	689827	20.338	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.322	70	342088	19.801	ng/u1	99
18) 4-Methylphenol	8.293	108	479881	20.352	ng/u1	100
19) Hexachloroethane	8.575	117	173349	19.974	ng/u1	97
22) Nitrobenzene	8.705	77	485575	19.481	ng/u1	100
23) Isophorone	9.228	82	959110	19.357	ng/u1	99
25) 2-Nitrophenol	9.410	139	266663	20.002	ng/u1	97
26) 2,4-Dimethylphenol	9.487	107	519651	19.862	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.722	93	619575	19.586	ng/u1	99
29) 2,4-Dichlorophenol	9.940	162	445656	20.258	ng/u1	98
30) Naphthalene	10.334	128	1511870	19.686	ng/u1	100
32) 4-Chloroaniline	10.457	127	650399	19.438	ng/u1	98
33) Hexachlorobutadiene	10.622	225	260928	19.420	ng/u1	99
34) Caprolactam	11.210	113	153412m	18.940	ng/u1	
35) 4-Chloro-3-methylphenol	11.599	107	493643	20.009	ng/u1	99
36) 2-Methylnaphthalene	11.957	142	1048667	19.680	ng/u1	99

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37) 1-Methylnaphthalene	12.181	142	1055914	19.288	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.340	216	532139	19.543	ng/ul	97
40) Hexachlorocyclopentadiene	12.316	237	303120	17.470	ng/ul	99
41) 2,4,6-Trichlorophenol	12.587	196	362596	20.049	ng/ul	99
42) 2,4,5-Trichlorophenol	12.657	196	391083	19.720	ng/ul	94
43) 1,1'-Biphenyl	12.998	154	1424665	19.926	ng/ul	99
44) 2-Chloronaphthalene	13.034	162	1068876	19.383	ng/ul	96
45) 2-Nitroaniline	13.251	65	313136	20.405	ng/ul	94
47) Dimethylphthalate	13.640	163	1392693	19.839	ng/ul	100
48) 2,6-Dinitrotoluene	13.763	165	286866	20.826	ng/ul	99
50) Acenaphthylene	13.887	152	1807762	19.831	ng/ul	98
51) 3-Nitroaniline	14.087	138	288590	19.937	ng/ul	98
52) Acenaphthene	14.234	153	1162495	19.677	ng/ul	99
53) 2,4-Dinitrophenol	14.298	184	169735	18.914	ng/ul	95
55) 4-Nitrophenol	14.410	109	194340	20.222	ng/ul	95
56) Dibenzofuran	14.569	168	1667580	19.893	ng/ul	98
57) 2,4-Dinitrotoluene	14.551	165	420202	20.618	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.804	232	330932	19.648	ng/ul	97
59) Diethylphthalate	15.022	149	1423785	20.000	ng/ul	100
61) Fluorene	15.222	166	1343253	20.059	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.228	204	649568	19.499	ng/ul	99
63) 4-Nitroaniline	15.257	138	313562	21.771	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.316	198	254867	20.129	ng/ul	100
67) N-Nitrosodiphenylamine	15.445	169	1199045	20.319	ng/ul	98
68) 4-Bromophenyl-phenylether	16.122	248	416547	20.198	ng/ul	99
69) Hexachlorobenzene	16.228	284	484839	20.221	ng/ul	98
70) Atrazine	16.410	200	428758	19.792	ng/ul	97
71) Pentachlorophenol	16.581	266	286365	19.421	ng/ul	98
72) Phenanthrene	16.969	178	2200828	20.212	ng/ul	99
74) Anthracene	17.057	178	2220152	20.255	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.951	216	537544	19.244	ng/ul	94
76) Pentachlorobenzene	14.493	250	551136	18.984	ng/ul	97
77) Carbazole	17.334	167	2064172	21.015	ng/ul	98
78) Di-n-butylphthalate	17.922	149	2498641	21.117	ng/ul	99
80) Fluoranthene	18.992	202	2656593	19.490	ng/ul	96
82) Pyrene	19.357	202	2735131	19.591	ng/ul	100
83) Butylbenzylphthalate	20.292	149	1157702	19.937	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.069	252	936429	19.020	ng/ul	99
85) Benzo(a)anthracene	21.122	228	2746812	19.582	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.080	149	1768039	19.978	ng/ul	99
87) Chrysene	21.175	228	2651339	19.460	ng/ul	96
89) Di-n-octyl phthalate	21.951	149	3062021	20.586	ng/ul	100
90) Benzo(b)fluoranthene	22.674	252	2988413	19.867	ng/ul	98
91) Benzo(k)fluoranthene	22.721	252	2822827	19.919	ng/ul	98
93) Benzo(a)pyrene	23.239	252	2875591	19.676	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.545	276	3397499	19.723	ng/ul	97
95) Dibenzo(a,h)anthracene	25.568	278	2892881	19.812	ng/ul	99
96) Benzo(g,h,i)perylene	26.221	276	2788086	19.127	ng/ul	99

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

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