

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041423\
 Data File : BN024918.D
 Acq On : 15 Apr 2023 04:18
 Operator : CG/JU
 Sample : PB152087BS
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS087

Quant Time: Apr 15 05:22:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Apr 15 00:01:14 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	296308	20.000	ng/u1	0.00
20) Naphthalene-d8	10.752	136	1307558	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.581	164	817825	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.328	188	1752369	20.000	ng/u1	0.00
79) Chrysene-d12	21.516	240	1700919	20.000	ng/u1	0.00
88) Perylene-d12	23.963	264	1836959	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	41377	5.315	ng/uL	0.00
4) Pyridine-d5	3.734	84	567585	24.347	ng/u1	0.00
7) Phenol-d5	7.099	99	801807	27.755	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.264	67	534667	27.671	ng/u1	0.00
11) 2-Chlorophenol-d4	7.464	132	601051	28.312	ng/u1	0.00
15) 4-Methylphenol-d8	8.652	113	638881	27.858	ng/u1	0.00
21) Nitrobenzene-d5	9.105	128	298807	28.224	ng/u1	0.00
24) 2-Nitrophenol-d4	9.834	143	326715	28.491	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	603844	29.460	ng/u1	0.00
31) 4-Chloroaniline-d4	10.893	131	676708	21.755	ng/u1	0.00
46) Dimethylphthalate-d6	13.993	166	1827669	28.828	ng/u1	0.00
49) Acenaphthylene-d8	14.275	160	2083686	28.681	ng/u1	0.00
54) 4-Nitrophenol-d4	14.781	143	384214	29.564	ng/u1	0.00
60) Fluorene-d10	15.575	176	1512175	28.250	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	322123	28.246	ng/u1	0.00
73) Anthracene-d10	17.428	188	2458957	29.877	ng/u1	0.00
81) Pyrene-d10	19.722	212	2897626	29.337	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.816	264	2958250	30.800	ng/u1	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.340	88	91627	10.906	ng/uL	98
5) Pyridine	3.752	79	743793	30.881	ng/u1	97
6) Benzaldehyde	7.069	77	256371	18.163	ng/u1	95
8) Phenol	7.128	94	868822	28.878	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.358	93	656780	27.807	ng/u1	99
12) 2-Chlorophenol	7.499	128	629800	28.404	ng/u1	97
13) 2-Methylphenol	8.387	108	621872	28.154	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.475	45	1291075	27.838	ng/u1	100
16) Acetophenone	8.769	105	1015635	28.008	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.752	70	547089	27.970	ng/u1	100
18) 4-Methylphenol	8.716	108	696656	28.362	ng/u1	95
19) Hexachloroethane	9.022	117	251129	28.063	ng/u1	96
22) Nitrobenzene	9.152	77	811915	28.540	ng/u1	100
23) Isophorone	9.675	82	1514063	28.994	ng/u1	100
25) 2-Nitrophenol	9.863	139	365112	29.516	ng/u1	97
26) 2,4-Dimethylphenol	9.922	107	725789	27.867	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.163	93	922695	28.392	ng/u1	99
29) 2,4-Dichlorophenol	10.399	162	612454	29.772	ng/u1	98
30) Naphthalene	10.799	128	2065817	28.289	ng/u1	99
32) 4-Chloroaniline	10.916	127	557001	17.689	ng/u1	99
33) Hexachlorobutadiene	11.087	225	340671	28.412	ng/u1	95
34) Caprolactam	11.693	113	208167m	28.871	ng/u1	
35) 4-Chloro-3-methylphenol	12.040	107	733766	30.422	ng/u1	99
36) 2-Methylnaphthalene	12.410	142	1369382	28.374	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
37) 1-Methylnaphthalene	12.628	142	1434728	29.780	ng/ul	98	04/17/2023
39) 1,2,4,5-Tetrachloroben...	12.775	216	687189	28.807	ng/ul	99	Supervised By :Jagrut Upadhyay
40) Hexachlorocyclopentadiene	12.752	237	366964	25.227	ng/ul	96	
41) 2,4,6-Trichlorophenol	13.016	196	478061	29.330	ng/ul	98	
42) 2,4,5-Trichlorophenol	13.087	196	538003	30.163	ng/ul	98	
43) 1,1'-Biphenyl	13.416	154	1864542	28.615	ng/ul	98	
44) 2-Chloronaphthalene	13.463	162	1443855	28.537	ng/ul	98	04/17/2023
45) 2-Nitroaniline	13.669	65	538799	30.497	ng/ul	99	
47) Dimethylphthalate	14.040	163	1871589	29.340	ng/ul	100	
48) 2,6-Dinitrotoluene	14.163	165	379249	30.459	ng/ul	95	
50) Acenaphthylene	14.304	152	2305347	28.890	ng/ul	100	
51) 3-Nitroaniline	14.493	138	374160	28.595	ng/ul	97	
52) Acenaphthene	14.646	153	1620378	29.372	ng/ul	99	
53) 2,4-Dinitrophenol	14.698	184	229648	28.686	ng/ul	97	
55) 4-Nitrophenol	14.799	109	323985	30.630	ng/ul	96	
56) Dibenzofuran	14.981	168	2224375	29.253	ng/ul	94	
57) 2,4-Dinitrotoluene	14.946	165	558369	30.980	ng/ul	95	
58) 2,3,4,6-Tetrachlorophenol	15.210	232	435583	29.657	ng/ul	93	
59) Diethylphthalate	15.404	149	1891928	29.516	ng/ul	99	
61) Fluorene	15.628	166	1806677	29.540	ng/ul	97	
62) 4-Chlorophenyl-phenyle...	15.622	204	837733	29.427	ng/ul	95	
63) 4-Nitroaniline	15.657	138	421001	32.650	ng/ul	97	
66) 4,6-Dinitro-2-methylph...	15.710	198	320408	28.681	ng/ul	98	
67) N-Nitrosodiphenylamine	15.840	169	1460712	27.476	ng/ul	98	
68) 4-Bromophenyl-phenylether	16.516	248	529258	30.047	ng/ul	96	
69) Hexachlorobenzene	16.634	284	592933	29.732	ng/ul	98	
70) Atrazine	16.787	200	25489	1.409	ng/ul	100	
71) Pentachlorophenol	16.981	266	351669	28.370	ng/ul	96	
72) Phenanthrene	17.375	178	2965854	29.992	ng/ul	99	
74) Anthracene	17.463	178	2955928	29.664	ng/ul	99	
75) 1,2,3,4-Tetrachloroben...	13.387	216	714921	28.683	ng/ul	99	
76) Pentachlorobenzene	14.904	250	704680	29.551	ng/ul	99	
77) Carbazole	17.734	167	2744113	30.499	ng/ul	99	
78) Di-n-butylphthalate	18.298	149	3268831	30.609	ng/ul	99	
80) Fluoranthene	19.386	202	3441487	29.073	ng/ul	99	
82) Pyrene	19.751	202	3680663	29.540	ng/ul	98	
83) Butylbenzylphthalate	20.645	149	1564488	30.243	ng/ul	100	
84) 3,3'-Dichlorobenzidine	21.433	252	812283	20.814	ng/ul	95	
85) Benzo(a)anthracene	21.498	228	3656417	29.931	ng/ul	99	
86) Bis(2-ethylhexyl)phtha...	21.422	149	2293160	29.695	ng/ul	99	
87) Chrysene	21.557	228	3458117	29.720	ng/ul	96	
89) Di-n-octyl phthalate	22.369	149	4012387	31.784	ng/ul	100	
90) Benzo(b)fluoranthene	23.216	252	3790534	31.465	ng/ul	97	
91) Benzo(k)fluoranthene	23.269	252	3799800	32.055	ng/ul	99	
93) Benzo(a)pyrene	23.863	252	3343954	31.705	ng/ul	99	
94) Indeno(1,2,3-cd)pyrene	26.539	276	3888276m	30.427	ng/ul		
95) Dibenzo(a,h)anthracene	26.545	278	3289574m	31.180	ng/ul		
96) Benzo(g,h,i)perylene	27.315	276	3141472m	30.295	ng/ul		

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

