

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041423\
 Data File : BN024920.D
 Acq On : 15 Apr 2023 05:32
 Operator : CG/JU
 Sample : PB152117BS
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS117

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/17/2023
 Supervised By : Jagrut Upadhyay 04/17/2023

Quant Time: Apr 15 06:05:32 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	318425	20.000	ng/u1	0.00
20) Naphthalene-d8	10.752	136	1409106	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.587	164	891035	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.328	188	1891713	20.000	ng/u1	0.00
79) Chrysene-d12	21.522	240	1826726	20.000	ng/u1	0.00
88) Perylene-d12	23.957	264	2066698	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	54683	6.536	ng/uL	0.00
4) Pyridine-d5	3.728	84	941105	37.566	ng/u1	0.00
7) Phenol-d5	7.099	99	1153170	37.146	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	747940	36.021	ng/u1	0.00
11) 2-Chlorophenol-d4	7.463	132	849018	37.214	ng/u1	0.00
15) 4-Methylphenol-d8	8.652	113	908544	36.865	ng/u1	0.00
21) Nitrobenzene-d5	9.105	128	433336	37.981	ng/u1	0.00
24) 2-Nitrophenol-d4	9.834	143	488008	39.489	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	853709	38.649	ng/u1	0.00
31) 4-Chloroaniline-d4	10.893	131	970371	28.948	ng/u1	0.00
46) Dimethylphthalate-d6	13.993	166	2582145	37.382	ng/u1	0.00
49) Acenaphthylene-d8	14.281	160	2963995	37.445	ng/u1	0.00
54) 4-Nitrophenol-d4	14.787	143	562044	39.694	ng/u1	0.00
60) Fluorene-d10	15.575	176	2198307	37.694	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	499267	40.554	ng/u1	0.00
73) Anthracene-d10	17.428	188	3464991	39.000	ng/u1	0.00
81) Pyrene-d10	19.722	212	4151791	39.140	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.804	264	4211344	38.972	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.340	88	117401	13.003	ng/uL	98
5) Pyridine	3.752	79	974747	37.659	ng/u1	98
6) Benzaldehyde	7.069	77	260102	17.148	ng/u1	97
8) Phenol	7.128	94	1223890	37.855	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.358	93	915582	36.072	ng/u1	100
12) 2-Chlorophenol	7.499	128	887520	37.247	ng/u1	98
13) 2-Methylphenol	8.387	108	884770	37.273	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.475	45	1773982	35.593	ng/u1	100
16) Acetophenone	8.769	105	1417060	36.363	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.758	70	772274	36.740	ng/u1	99
18) 4-Methylphenol	8.716	108	986814	37.384	ng/u1	100
19) Hexachloroethane	9.022	117	349459	36.339	ng/u1	98
22) Nitrobenzene	9.152	77	1160749	37.862	ng/u1	99
23) Isophorone	9.675	82	2115910	37.599	ng/u1	99
25) 2-Nitrophenol	9.863	139	524371	39.335	ng/u1	96
26) 2,4-Dimethylphenol	9.922	107	1018794	36.298	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.163	93	1278170	36.496	ng/u1	99
29) 2,4-Dichlorophenol	10.399	162	856547	38.637	ng/u1	97
30) Naphthalene	10.804	128	2885438	36.665	ng/u1	99
32) 4-Chloroaniline	10.916	127	736148	21.693	ng/u1	99
33) Hexachlorobutadiene	11.081	225	488863	37.834	ng/u1	94
34) Caprolactam	11.699	113	311632m	40.106	ng/u1	
35) 4-Chloro-3-methylphenol	12.040	107	1031536	39.685	ng/u1	100
36) 2-Methylnaphthalene	12.410	142	1928790	37.085	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.628	142	1992007	38.367	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.781	216	958712	36.887	ng/ul	100
40) Hexachlorocyclopentadiene	12.757	237	532322	33.588	ng/ul	95
41) 2,4,6-Trichlorophenol	13.016	196	660565	37.198	ng/ul	97
42) 2,4,5-Trichlorophenol	13.087	196	755693	38.886	ng/ul	94
43) 1,1'-Biphenyl	13.416	154	2586577	36.434	ng/ul	99
44) 2-Chloronaphthalene	13.463	162	2016921	36.588	ng/ul	100
45) 2-Nitroaniline	13.669	65	788213	40.948	ng/ul	100
47) Dimethylphthalate	14.040	163	2663932	38.330	ng/ul	99
48) 2,6-Dinitrotoluene	14.163	165	557719	41.112	ng/ul	96
50) Acenaphthylene	14.304	152	3227339	37.121	ng/ul	99
51) 3-Nitroaniline	14.493	138	549115	38.518	ng/ul	98
52) Acenaphthene	14.645	153	2232891	37.150	ng/ul	98
53) 2,4-Dinitrophenol	14.698	184	358321	41.081	ng/ul	95
55) 4-Nitrophenol	14.804	109	460393	39.950	ng/ul	94
56) Dibenzofuran	14.981	168	3059336	36.928	ng/ul	99
57) 2,4-Dinitrotoluene	14.951	165	838722	42.711	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.210	232	610037	38.122	ng/ul	94
59) Diethylphthalate	15.404	149	2750180	39.380	ng/ul	99
61) Fluorene	15.634	166	2557475	38.380	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.622	204	1171670	37.776	ng/ul	98
63) 4-Nitroaniline	15.663	138	616857	43.908	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.710	198	506466	41.997	ng/ul	99
67) N-Nitrosodiphenylamine	15.839	169	2203227	38.389	ng/ul	98
68) 4-Bromophenyl-phenylether	16.522	248	746951	39.283	ng/ul	98
69) Hexachlorobenzene	16.639	284	829559	38.533	ng/ul	97
70) Atrazine	16.787	200	25501	1.306	ng/ul	95
71) Pentachlorophenol	16.981	266	477767	35.704	ng/ul	97
72) Phenanthrene	17.375	178	4073773	38.161	ng/ul	99
74) Anthracene	17.463	178	4168141	38.748	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.381	216	985319	36.620	ng/ul	97
76) Pentachlorobenzene	14.904	250	1001458	38.902	ng/ul	98
77) Carbazole	17.739	167	3874424	39.890	ng/ul	98
78) Di-n-butylphthalate	18.298	149	4716952	40.915	ng/ul	99
80) Fluoranthene	19.386	202	4871601	38.319	ng/ul	99
82) Pyrene	19.751	202	5070050	37.888	ng/ul	99
83) Butylbenzylphthalate	20.645	149	2246733	40.440	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.439	252	1254372	29.929	ng/ul	97
85) Benzo(a)anthracene	21.504	228	5023186	38.288	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.422	149	3303378	39.830	ng/ul	100
87) Chrysene	21.563	228	4729150	37.844	ng/ul	97
89) Di-n-octyl phthalate	22.363	149	5959129	41.958	ng/ul	100
90) Benzo(b)fluoranthene	23.216	252	5532925	40.823	ng/ul	97
91) Benzo(k)fluoranthene	23.269	252	5098629	38.230	ng/ul	99
93) Benzo(a)pyrene	23.857	252	4792511	40.387	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.510	276	5547736m	38.586	ng/ul	
95) Dibenzo(a,h)anthracene	26.521	278	4564400	38.454	ng/ul	95
96) Benzo(g,h,i)perylene	27.286	276	4484400m	38.438	ng/ul	

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

