

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041723\
 Data File : BN024950.D
 Acq On : 17 Apr 2023 11:43
 Operator : CG/JU
 Sample : PB152129BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS129

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/18/2023
 Supervised By : Jagrut Upadhyay 04/18/2023

Quant Time: Apr 18 01:21:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 18 01:19:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	299352	20.000	ng/u1	0.00
20) Naphthalene-d8	10.745	136	1353578	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.580	164	838522	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.327	188	1816095	20.000	ng/u1	0.00
79) Chrysene-d12	21.521	240	1753328	20.000	ng/u1	0.00
88) Perylene-d12	23.962	264	1872707	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	44140	5.612	ng/uL	0.00
4) Pyridine-d5	3.728	84	840215	35.675	ng/u1	0.00
7) Phenol-d5	7.093	99	928921	31.829	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.257	67	601661	30.822	ng/u1	0.00
11) 2-Chlorophenol-d4	7.457	132	696866	32.491	ng/u1	0.00
15) 4-Methylphenol-d8	8.645	113	725686	31.321	ng/u1	0.00
21) Nitrobenzene-d5	9.104	128	341764	31.184	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	382642	32.233	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	687447	32.399	ng/u1	0.00
31) 4-Chloroaniline-d4	10.887	131	613969	19.067	ng/u1	0.00
46) Dimethylphthalate-d6	13.992	166	2050087	31.538	ng/u1	0.00
49) Acenaphthylene-d8	14.275	160	2374612	31.878	ng/u1	0.00
54) 4-Nitrophenol-d4	14.780	143	437523	32.835	ng/u1	0.00
60) Fluorene-d10	15.569	176	1759331	32.056	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	396850	33.577	ng/u1	0.00
73) Anthracene-d10	17.427	188	2824933	33.119	ng/u1	0.00
81) Pyrene-d10	19.721	212	3253783	31.958	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.809	264	3229940	32.986	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	106165	12.508	ng/uL	97
5) Pyridine	3.746	79	986951	40.560	ng/u1	96
6) Benzaldehyde	7.069	77	252881	17.734	ng/u1	99
8) Phenol	7.122	94	1031769	33.946	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.351	93	773669	32.423	ng/u1	98
12) 2-Chlorophenol	7.493	128	753938	33.657	ng/u1	99
13) 2-Methylphenol	8.381	108	747163	33.482	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.469	45	1488173	31.761	ng/u1	99
16) Acetophenone	8.763	105	1192578	32.553	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.751	70	643096	32.544	ng/u1	98
18) 4-Methylphenol	8.710	108	830868	33.482	ng/u1	96
19) Hexachloroethane	9.016	117	294757	32.603	ng/u1	97
22) Nitrobenzene	9.145	77	969507	32.921	ng/u1	99
23) Isophorone	9.669	82	1754134	32.449	ng/u1	99
25) 2-Nitrophenol	9.857	139	432660	33.787	ng/u1	99
26) 2,4-Dimethylphenol	9.916	107	901922	33.452	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.157	93	1061020	31.538	ng/u1	99
29) 2,4-Dichlorophenol	10.392	162	714591	33.556	ng/u1	96
30) Naphthalene	10.798	128	2454558	32.470	ng/u1	99
32) 4-Chloroaniline	10.910	127	642258	19.703	ng/u1	99
33) Hexachlorobutadiene	11.081	225	408949	32.947	ng/u1	97
34) Caprolactam	11.687	113	248049m	33.233	ng/u1	
35) 4-Chloro-3-methylphenol	12.034	107	867657	34.750	ng/u1	98
36) 2-Methylnaphthalene	12.404	142	1638790	32.802	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.622	142	1672626	33.538	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.775	216	805809	32.945	ng/ul	96
40) Hexachlorocyclopentadiene	12.751	237	470996	31.579	ng/ul	99
41) 2,4,6-Trichlorophenol	13.016	196	549517	32.882	ng/ul	99
42) 2,4,5-Trichlorophenol	13.086	196	629190	34.404	ng/ul	96
43) 1,1'-Biphenyl	13.416	154	2209469	33.071	ng/ul	98
44) 2-Chloronaphthalene	13.457	162	1709881	32.961	ng/ul	100
45) 2-Nitroaniline	13.663	65	647524	35.746	ng/ul	99
47) Dimethylphthalate	14.039	163	2190034	33.485	ng/ul	99
48) 2,6-Dinitrotoluene	14.163	165	453767	35.544	ng/ul	100
50) Acenaphthylene	14.304	152	2711151	33.137	ng/ul	98
51) 3-Nitroaniline	14.486	138	494992	36.896	ng/ul	99
52) Acenaphthene	14.645	153	1869483	33.051	ng/ul	99
53) 2,4-Dinitrophenol	14.692	184	283896	34.587	ng/ul	92
55) 4-Nitrophenol	14.792	109	381017	35.133	ng/ul	97
56) Dibenzofuran	14.980	168	2608214	33.454	ng/ul	96
57) 2,4-Dinitrotoluene	14.945	165	678677	36.725	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.204	232	489650	32.515	ng/ul	98
59) Diethylphthalate	15.398	149	2274921	34.615	ng/ul	99
61) Fluorene	15.627	166	2131110	33.984	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.622	204	1005618	34.452	ng/ul	98
63) 4-Nitroaniline	15.651	138	513187	38.817	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.710	198	413252	35.694	ng/ul	96
67) N-Nitrosodiphenylamine	15.833	169	1703906	30.925	ng/ul	98
68) 4-Bromophenyl-phenylether	16.516	248	607776	33.294	ng/ul	99
69) Hexachlorobenzene	16.633	284	692340	33.498	ng/ul	97
71) Pentachlorophenol	16.974	266	418512	32.578	ng/ul	98
72) Phenanthrene	17.369	178	3470546	33.864	ng/ul	99
74) Anthracene	17.463	178	3481349	33.711	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.381	216	808819	31.312	ng/uL	95
76) Pentachlorobenzene	14.898	250	830970	33.624	ng/uL	98
77) Carbazole	17.733	167	3149724	33.779	ng/ul	99
78) Di-n-butylphthalate	18.292	149	3924308	35.457	ng/ul	100
80) Fluoranthene	19.386	202	4062615	33.294	ng/ul	99
82) Pyrene	19.751	202	4258382	33.155	ng/ul	98
83) Butylbenzylphthalate	20.651	149	1881531	35.285	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.439	252	582405	14.478	ng/ul	94
85) Benzo(a)anthracene	21.509	228	4274246	33.943	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.427	149	2753259	34.587	ng/ul	99
87) Chrysene	21.562	228	4014496	33.470	ng/ul	97
89) Di-n-octyl phthalate	22.368	149	4916934	38.206	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	4373753	35.613	ng/ul	95
91) Benzo(k)fluoranthene	23.268	252	4378919	36.235	ng/ul	99
93) Benzo(a)pyrene	23.856	252	3801118	35.351	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.509	276	4454931m	34.195	ng/ul	
95) Dibenzo(a,h)anthracene	26.521	278	3713467	34.526	ng/ul	97
96) Benzo(g,h,i)perylene	27.292	276	3582894m	33.892	ng/ul	

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

