

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020924\
 Data File : BN029644.D
 Acq On : 10 Feb 2024 12:10
 Operator : MA/JU
 Sample : PB158921BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS921

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/12/2024
 Supervised By :mohammad ahmed 02/13/2024

Quant Time: Feb 11 22:49:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 08 00:25:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	254672	20.000	ng/u1	0.00
20) Naphthalene-d8	10.675	136	1024243	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.522	164	482428	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.274	188	836344	20.000	ng/u1	0.00
79) Chrysene-d12	21.474	240	642382	20.000	ng/u1	0.00
88) Perylene-d12	23.845	264	713779	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	45226	5.841	ng/uL	0.00
4) Pyridine-d5	3.734	84	619085	29.982	ng/u1	0.00
7) Phenol-d5	7.046	99	736063	30.900	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	488268	30.713	ng/u1	0.00
11) 2-Chlorophenol-d4	7.410	132	569126	32.970	ng/u1	0.00
15) 4-Methylphenol-d8	8.593	113	543675	30.603	ng/u1	0.00
21) Nitrobenzene-d5	9.045	128	270223	33.993	ng/u1	0.00
24) 2-Nitrophenol-d4	9.763	143	256088	36.989	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.298	165	461461	33.768	ng/u1	0.00
31) 4-Chloroaniline-d4	10.822	131	653683	28.038	ng/u1	-0.01
46) Dimethylphthalate-d6	13.945	166	1174184	32.691	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	1455538	34.124	ng/u1	0.00
54) 4-Nitrophenol-d4	14.728	143	203021	29.781	ng/u1	0.00
60) Fluorene-d10	15.516	176	964068	31.552	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	135051	33.140	ng/u1	0.00
73) Anthracene-d10	17.374	188	1288640	32.877	ng/u1	0.00
81) Pyrene-d10	19.668	212	1306489	33.891	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.692	264	1215292	34.026	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.363	88	96513	12.035	ng/uL	97
5) Pyridine	3.752	79	643317	30.115	ng/u1	98
6) Benzaldehyde	7.028	77	396607	37.143	ng/u1	96
8) Phenol	7.075	94	784933	32.152	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.316	93	662587	32.276	ng/u1	98
12) 2-Chlorophenol	7.440	128	606607	33.495	ng/u1	99
13) 2-Methylphenol	8.322	108	561400	31.866	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.404	45	855763m	31.918	ng/u1	
16) Acetophenone	8.710	105	897665	31.748	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.698	70	485928	33.288	ng/u1	99
18) 4-Methylphenol	8.657	108	602147	32.345	ng/u1	98
19) Hexachloroethane	8.951	117	267654	31.847	ng/u1	97
22) Nitrobenzene	9.093	77	738750	32.798	ng/u1	99
23) Isophorone	9.616	82	1290780	32.900	ng/u1	99
25) 2-Nitrophenol	9.798	139	293019	37.062	ng/u1	99
26) 2,4-Dimethylphenol	9.857	107	549320	28.991	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.104	93	816524	32.748	ng/u1	99
29) 2,4-Dichlorophenol	10.328	162	474319	33.590	ng/u1	97
30) Naphthalene	10.728	128	1870748	31.954	ng/u1	99
32) 4-Chloroaniline	10.845	127	561582	24.401	ng/u1	100
33) Hexachlorobutadiene	11.004	225	279977	32.127	ng/u1	98
34) Caprolactam	11.622	113	136879m	29.130	ng/u1	
35) 4-Chloro-3-methylphenol	11.969	107	534355	32.762	ng/u1	98
36) 2-Methylnaphthalene	12.345	142	1159490	32.309	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.563	142	1140539	32.056	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.704	216	505015	35.316	ng/ul	98
40) Hexachlorocyclopentadiene	12.681	237	273098	29.217	ng/ul	95
41) 2,4,6-Trichlorophenol	12.951	196	301856	36.623	ng/ul	95
42) 2,4,5-Trichlorophenol	13.022	196	338559	36.556	ng/ul	98
43) 1,1'-Biphenyl	13.357	154	1385948	34.065	ng/ul	99
44) 2-Chloronaphthalene	13.398	162	1091874	34.531	ng/ul	100
45) 2-Nitroaniline	13.610	65	334386	35.969	ng/ul	97
47) Dimethylphthalate	13.992	163	1215014	33.047	ng/ul	99
48) 2,6-Dinitrotoluene	14.116	165	240980	36.629	ng/ul	99
50) Acenaphthylene	14.245	152	1737365	33.939	ng/ul	99
51) 3-Nitroaniline	14.439	138	249068	32.528	ng/ul	98
52) Acenaphthene	14.586	153	1131105	33.449	ng/ul	92
53) 2,4-Dinitrophenol	14.645	184	96958	29.040	ng/ul	94
55) 4-Nitrophenol	14.745	109	181296	29.084	ng/ul	95
56) Dibenzofuran	14.922	168	1472307	32.972	ng/ul	99
57) 2,4-Dinitrotoluene	14.898	165	322545	34.822	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.145	232	216911	33.001	ng/ul	99
59) Diethylphthalate	15.363	149	1243353	32.922	ng/ul	99
61) Fluorene	15.575	166	1155006	32.723	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.575	204	523677	33.172	ng/ul	96
63) 4-Nitroaniline	15.604	138	251718	36.424	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.657	198	155799	34.678	ng/ul	98
67) N-Nitrosodiphenylamine	15.792	169	938495	36.010	ng/ul	99
68) 4-Bromophenyl-phenylether	16.469	248	295754	37.361	ng/ul	89
69) Hexachlorobenzene	16.569	284	320103	35.876	ng/ul	97
70) Atrazine	16.745	200	163339	20.060	ng/ul	97
71) Pentachlorophenol	16.916	266	160726	31.018	ng/ul	97
72) Phenanthrene	17.316	178	1650216	34.110	ng/ul	98
74) Anthracene	17.404	178	1668726	34.369	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.316	216	493817	40.237	ng/ul	95
76) Pentachlorobenzene	14.833	250	420291	38.246	ng/ul	99
77) Carbazole	17.680	167	1443596	32.552	ng/ul	98
78) Di-n-butylphthalate	18.263	149	1867196	35.014	ng/ul	99
80) Fluoranthene	19.339	202	1665026	35.556	ng/ul	99
82) Pyrene	19.698	202	1757016	35.467	ng/ul	99
83) Butylbenzylphthalate	20.621	149	732249	36.268	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.398	252	438381	35.233	ng/ul	97
85) Benzo(a)anthracene	21.457	228	1626377	34.465	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	1109941	35.541	ng/ul	95
87) Chrysene	21.510	228	1529221	34.579	ng/ul	96
89) Di-n-octyl phthalate	22.333	149	1829270	33.062	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	1657321	36.863	ng/ul	99
91) Benzo(k)fluoranthene	23.174	252	1564300	33.994	ng/ul	97
93) Benzo(a)pyrene	23.739	252	1551706	35.990	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.303	276	1905115	36.286	ng/ul	97
95) Dibenzo(a,h)anthracene	26.333	278	1584456	36.966	ng/ul	97
96) Benzo(g,h,i)perylene	27.056	276	1556814m	35.453	ng/ul	

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

