

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100424\
 Data File : BN034393.D
 Acq On : 04 Oct 2024 16:38
 Operator : RC/JU
 Sample : PB163808BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS808

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/05/2024
 Supervised By :mohammad ahmed 10/07/2024

Quant Time: Oct 04 17:19:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 30 14:14:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.381	152	227578	20.000	ng/u1	0.00
20) Naphthalene-d8	10.134	136	879569	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.034	164	506877	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.792	188	898370	20.000	ng/u1	0.00
79) Chrysene-d12	21.027	240	742078	20.000	ng/u1	0.00
88) Perylene-d12	23.733	264	882075	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.999	96	30488	5.467	ng/uL	0.00
4) Pyridine-d5	3.387	84	379574	22.898	ng/u1	0.00
7) Phenol-d5	6.581	99	456016	22.578	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	275818	22.010	ng/u1	0.00
11) 2-Chlorophenol-d4	6.922	132	406891	25.593	ng/u1	0.00
15) 4-Methylphenol-d8	8.099	113	365979	22.022	ng/u1	0.00
21) Nitrobenzene-d5	8.522	128	189915	27.089	ng/u1	0.00
24) 2-Nitrophenol-d4	9.234	143	208845	28.969	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.769	165	361621	26.635	ng/u1	0.00
31) 4-Chloroaniline-d4	10.287	131	488889	23.785	ng/u1	0.00
46) Dimethylphthalate-d6	13.463	166	940897	24.838	ng/u1	0.00
49) Acenaphthylene-d8	13.722	160	1143503	26.833	ng/u1	0.00
54) 4-Nitrophenol-d4	14.263	143	147173	18.931	ng/u1	-0.01
60) Fluorene-d10	15.039	176	796456	24.809	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.169	200	105897	19.770	ng/u1	0.00
73) Anthracene-d10	16.892	188	1108814	26.253	ng/u1	0.00
81) Pyrene-d10	19.198	212	1181136	28.567	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.545	264	1233257	27.218	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.034	88	31121	5.290	ng/uL	88
5) Pyridine	3.405	79	187992	11.083	ng/u1	95
6) Benzaldehyde	6.540	77	120763	11.327	ng/u1	89
8) Phenol	6.605	94	235938	11.220	ng/u1	96
10) Bis(2-Chloroethyl)ether	6.828	93	191472	11.715	ng/u1	95
12) 2-Chlorophenol	6.952	128	209766	12.875	ng/u1	94
13) 2-Methylphenol	7.834	108	176333	11.219	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	7.904	45	253139	10.502	ng/u1	96
16) Acetophenone	8.193	105	282926	10.747	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.187	70	132861	10.191	ng/u1#	94
18) 4-Methylphenol	8.157	108	194732	11.132	ng/u1	98
19) Hexachloroethane	8.434	117	86968	12.656	ng/u1	95
22) Nitrobenzene	8.563	77	209199	11.922	ng/u1	93
23) Isophorone	9.087	82	369333	11.414	ng/u1	96
25) 2-Nitrophenol	9.269	139	108321	13.426	ng/u1	90
26) 2,4-Dimethylphenol	9.346	107	174033	10.485	ng/u1	90
27) Bis(2-Chloroethoxy)met...	9.581	93	241449	12.127	ng/u1	98
29) 2,4-Dichlorophenol	9.799	162	187069	13.608	ng/u1	96
30) Naphthalene	10.187	128	627385	13.040	ng/u1	99
32) 4-Chloroaniline	10.310	127	211892	10.461	ng/u1	100
33) Hexachlorobutadiene	10.475	225	123526	14.006	ng/u1	96
34) Caprolactam	11.104	113	44455m	8.122	ng/u1	
35) 4-Chloro-3-methylphenol	11.445	107	176969	10.935	ng/u1	89
36) 2-Methylnaphthalene	11.810	142	417802	12.607	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.034	142	414653	12.361	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.192	216	224001	15.308	ng/ul	98
40) Hexachlorocyclopentadiene	12.169	237	92337	10.256	ng/ul	99
41) 2,4,6-Trichlorophenol	12.445	196	132300	13.638	ng/ul	99
42) 2,4,5-Trichlorophenol	12.516	196	145921	13.694	ng/ul	98
43) 1,1'-Biphenyl	12.857	154	528232	13.823	ng/ul	99
44) 2-Chloronaphthalene	12.887	162	415091	13.943	ng/ul	97
45) 2-Nitroaniline	13.110	65	100564	10.454	ng/ul	89
47) Dimethylphthalate	13.510	163	482507	12.498	ng/ul	99
48) 2,6-Dinitrotoluene	13.622	165	93748	12.332	ng/ul	96
50) Acenaphthylene	13.751	152	623575	13.373	ng/ul	99
51) 3-Nitroaniline	13.951	138	93637	11.146	ng/ul	96
52) Acenaphthene	14.098	153	437902	13.154	ng/ul	96
53) 2,4-Dinitrophenol	14.163	184	18460	4.128	ng/ul	91
55) 4-Nitrophenol	14.281	109	54282	8.222	ng/ul	89
56) Dibenzofuran	14.439	168	597548	13.126	ng/ul	94
57) 2,4-Dinitrotoluene	14.416	165	129823	11.328	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.675	232	111405	12.599	ng/ul	90
59) Diethylphthalate	14.892	149	455907	11.301	ng/ul	98
61) Fluorene	15.092	166	469477	12.606	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.098	204	231789	12.841	ng/ul	96
63) 4-Nitroaniline	15.122	138	86456	10.001	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.186	198	58408	9.820	ng/ul#	97
67) N-Nitrosodiphenylamine	15.316	169	392084	14.565	ng/ul	99
68) 4-Bromophenyl-phenylether	15.998	248	140988	15.455	ng/ul#	86
69) Hexachlorobenzene	16.098	284	162501	15.347	ng/ul	94
70) Atrazine	16.286	200	88351	9.058	ng/ul	98
71) Pentachlorophenol	16.451	266	83296	11.812	ng/ul	100
72) Phenanthrene	16.833	178	676307	13.653	ng/ul	99
74) Anthracene	16.922	178	667009	13.187	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.810	216	215715	17.253	ng/uL	98
76) Pentachlorobenzene	14.357	250	204918	16.096	ng/uL	99
77) Carbazole	17.204	167	581424	12.489	ng/ul	99
78) Di-n-butylphthalate	17.792	149	696354	11.767	ng/ul	99
80) Fluoranthene	18.863	202	711912	14.728	ng/ul	98
82) Pyrene	19.227	202	748570	14.406	ng/ul	97
83) Butylbenzylphthalate	20.169	149	274623	11.785	ng/ul	96
84) 3,3'-Dichlorobenzidine	20.951	252	204329	12.258	ng/ul	97
85) Benzo(a)anthracene	21.010	228	699696	13.224	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	20.974	149	421345	12.353	ng/ul#	96
87) Chrysene	21.063	228	665043	13.173	ng/ul	96
89) Di-n-octyl phthalate	22.010	149	707115	12.048	ng/ul	100
90) Benzo(b)fluoranthene	22.886	252	715840	13.311	ng/ul	98
91) Benzo(k)fluoranthene	22.939	252	727824	13.719	ng/ul	100
93) Benzo(a)pyrene	23.604	252	661347	13.018	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.715	276	941853	14.963	ng/ul	98
95) Dibenzo(a,h)anthracene	26.774	278	766358	15.062	ng/ul	96
96) Benzo(g,h,i)perylene	27.645	276	761377	15.581	ng/ul	97

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

