

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040924\
 Data File : BN030807.D
 Acq On : 10 Apr 2024 02:27
 Operator : MA/JU
 Sample : PB160103BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS103

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/10/2024
 Supervised By :mohammad ahmed 04/10/2024

Quant Time: Apr 10 03:02:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 09 12:10:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	164808	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	780649	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	545406	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	1183189	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	1168965	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	1336512	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	28433	8.089	ng/uL	0.00
4) Pyridine-d5	3.593	84	335808	31.862	ng/u1	0.00
7) Phenol-d5	6.852	99	459477	34.464	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	268701	32.631	ng/u1	0.00
11) 2-Chlorophenol-d4	7.211	132	362180	35.810	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	384273	34.391	ng/u1	0.00
21) Nitrobenzene-d5	8.834	128	188372	34.785	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	195478	39.459	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	393027	36.239	ng/u1	0.00
31) 4-Chloroaniline-d4	10.605	131	548413	30.715	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	1270398	34.887	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	1448420	34.595	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	251492	36.106	ng/u1	0.00
60) Fluorene-d10	15.316	176	1096228	34.402	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.440	200	192497	36.859	ng/u1	0.00
73) Anthracene-d10	17.169	188	1753901	34.404	ng/u1	0.00
81) Pyrene-d10	19.469	212	2141622	34.076	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	2161041	35.091	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.223	88	38427	10.205	ng/uL	96
5) Pyridine	3.611	79	331943	31.213	ng/u1	98
6) Benzaldehyde	6.828	77	259238	41.754	ng/u1	98
8) Phenol	6.875	94	474263	34.147	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.111	93	358667	31.668	ng/u1	98
12) 2-Chlorophenol	7.246	128	378105	34.850	ng/u1	96
13) 2-Methylphenol	8.122	108	356370	33.298	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.199	45	483965	30.347	ng/u1	100
16) Acetophenone	8.499	105	581854	32.981	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.487	70	288451	32.463	ng/u1	97
18) 4-Methylphenol	8.452	108	408889	34.128	ng/u1	98
19) Hexachloroethane	8.746	117	145481	31.983	ng/u1	97
22) Nitrobenzene	8.875	77	420116	31.780	ng/u1	99
23) Isophorone	9.405	82	850280	32.252	ng/u1	99
25) 2-Nitrophenol	9.581	139	219655	37.727	ng/u1	97
26) 2,4-Dimethylphenol	9.646	107	398130	30.766	ng/u1	94
27) Bis(2-Chloroethoxy)met...	9.887	93	524482	31.290	ng/u1	98
29) 2,4-Dichlorophenol	10.110	162	385902	34.860	ng/u1	99
30) Naphthalene	10.510	128	1287462	32.156	ng/u1	100
32) 4-Chloroaniline	10.628	127	515148	29.937	ng/u1	97
33) Hexachlorobutadiene	10.793	225	214436	30.774	ng/u1	98
34) Caprolactam	11.410	113	143700m	34.747	ng/u1	
35) 4-Chloro-3-methylphenol	11.757	107	446274	35.793	ng/u1	99
36) 2-Methylnaphthalene	12.128	142	914990	32.724	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.351	142	940556	33.137	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.499	216	474002	33.676	ng/ul	96
40) Hexachlorocyclopentadiene	12.475	237	211995	26.521	ng/ul	100
41) 2,4,6-Trichlorophenol	12.746	196	319037	36.273	ng/ul	92
42) 2,4,5-Trichlorophenol	12.816	196	357760	36.017	ng/ul	96
43) 1,1'-Biphenyl	13.151	154	1205092	32.417	ng/ul	99
44) 2-Chloronaphthalene	13.193	162	958514	32.754	ng/ul	99
45) 2-Nitroaniline	13.404	65	283156	36.358	ng/ul	99
47) Dimethylphthalate	13.787	163	1244258	33.078	ng/ul	99
48) 2,6-Dinitrotoluene	13.910	165	252185	36.160	ng/ul	98
50) Acenaphthylene	14.046	152	1589545	32.859	ng/ul	100
51) 3-Nitroaniline	14.240	138	297209	40.150	ng/ul	97
52) Acenaphthene	14.387	153	1032127	32.017	ng/ul	98
53) 2,4-Dinitrophenol	14.440	184	115614	36.092	ng/ul	94
55) 4-Nitrophenol	14.545	109	193928	35.142	ng/ul	97
56) Dibenzofuran	14.722	168	1494541	33.351	ng/ul	99
57) 2,4-Dinitrotoluene	14.693	165	389843	38.287	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.951	232	302375	36.653	ng/ul	98
59) Diethylphthalate	15.157	149	1285759	33.646	ng/ul	100
61) Fluorene	15.375	166	1184903	33.266	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.375	204	568027	32.505	ng/ul	99
63) 4-Nitroaniline	15.404	138	325845	45.277	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.457	198	208893	37.225	ng/ul	97
67) N-Nitrosodiphenylamine	15.587	169	1084003	33.641	ng/ul	98
68) 4-Bromophenyl-phenylether	16.269	248	370564	32.982	ng/ul	97
69) Hexachlorobenzene	16.375	284	415032	31.371	ng/ul	97
70) Atrazine	16.545	200	381469	34.156	ng/ul	99
71) Pentachlorophenol	16.722	266	279903	35.883	ng/ul	96
72) Phenanthrene	17.116	178	2023322	33.284	ng/ul	100
74) Anthracene	17.204	178	2041865	33.227	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.110	216	478590	32.925	ng/ul	97
76) Pentachlorobenzene	14.640	250	476749	32.290	ng/uL	94
77) Carbazole	17.481	167	1980707	36.753	ng/ul	99
78) Di-n-butylphthalate	18.045	149	2312452	35.173	ng/ul	100
80) Fluoranthene	19.133	202	2487290	33.292	ng/ul	98
82) Pyrene	19.504	202	2609475	33.072	ng/ul	99
83) Butylbenzylphthalate	20.410	149	1114034	36.972	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.222	252	782490	36.430	ng/ul	99
85) Benzo(a)anthracene	21.292	228	2619079	33.572	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.222	149	1599455	35.994	ng/ul	98
87) Chrysene	21.351	228	2523266	34.267	ng/ul	99
89) Di-n-octyl phthalate	22.333	149	2912018	34.406	ng/ul	100
90) Benzo(b)fluoranthene	23.316	252	2663573	33.864	ng/ul	98
91) Benzo(k)fluoranthene	23.374	252	2674982	33.488	ng/ul	97
93) Benzo(a)pyrene	24.104	252	2234613	30.075	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.533	276	2838116	35.336	ng/ul	99
95) Dibenzo(a,h)anthracene	27.592	278	2341891	34.635	ng/ul	94
96) Benzo(g,h,i)perylene	28.562	276	2154076	34.162	ng/ul	97

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

