

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112122\
 Data File : BN022815.D
 Acq On : 22 Nov 2022 08:53
 Operator : CG/JU
 Sample : PB149197BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS197

Quant Time: Nov 23 05:33:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN11522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 22 05:15:51 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/23/2022
 Supervised By :mohammad ahmed 11/25/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	65818	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	315838	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.516	164	207335	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.269	188	420748	20.000	ng/u1	0.00
79) Chrysene-d12	21.474	240	411741	20.000	ng/u1	0.00
88) Perylene-d12	23.868	264	403325	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	11895	6.170	ng/uL	0.00
4) Pyridine-d5	3.611	84	164456	30.165	ng/u1	0.00
7) Phenol-d5	7.016	99	226428	36.425	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	140860	37.793	ng/u1	0.00
11) 2-Chlorophenol-d4	7.375	132	167186	36.724	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	182727	37.234	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	87834	35.928	ng/u1	0.00
24) 2-Nitrophenol-d4	9.751	143	95955	35.176	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	169673	36.486	ng/u1	0.00
31) 4-Chloroaniline-d4	10.816	131	221931	31.331	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	541766	35.925	ng/u1	0.00
49) Acenaphthylene-d8	14.210	160	605175	36.420	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	107983	35.918	ng/u1	0.00
60) Fluorene-d10	15.510	176	447867	36.210	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	95030	35.534	ng/u1	0.00
73) Anthracene-d10	17.375	188	681461	36.988	ng/u1	0.00
81) Pyrene-d10	19.674	212	767486	35.968	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.715	264	757542	37.364	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	23738	11.571	ng/uL#	92
5) Pyridine	3.628	79	167755	31.034	ng/u1	97
6) Benzaldehyde	6.987	77	131537	41.823	ng/u1	99
8) Phenol	7.046	94	231381	35.738	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.275	93	176817	35.048	ng/u1	95
12) 2-Chlorophenol	7.404	128	171626	35.306	ng/u1	97
13) 2-Methylphenol	8.304	108	171738	35.637	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.387	45	256759	38.555	ng/u1	97
16) Acetophenone	8.687	105	286606	36.590	ng/u1	91
17) N-Nitroso-di-n-propyla...	8.675	70	159389	38.180	ng/u1	97
18) 4-Methylphenol	8.640	108	191798	36.653	ng/u1	96
19) Hexachloroethane	8.922	117	73907	35.910	ng/u1	99
22) Nitrobenzene	9.069	77	237012	35.784	ng/u1	98
23) Isophorone	9.598	82	449065	35.445	ng/u1	99
25) 2-Nitrophenol	9.781	139	103773	34.603	ng/u1	95
26) 2,4-Dimethylphenol	9.846	107	213086	33.123	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.081	93	257084	35.188	ng/u1	99
29) 2,4-Dichlorophenol	10.316	162	167864	35.515	ng/u1	99
30) Naphthalene	10.716	128	579400	34.563	ng/u1	99
32) 4-Chloroaniline	10.840	127	217830	29.446	ng/u1	99
33) Hexachlorobutadiene	10.987	225	104370	35.874	ng/u1	99
34) Caprolactam	11.640	113	63600m	35.469	ng/u1	
35) 4-Chloro-3-methylphenol	11.975	107	223717	36.291	ng/u1	100
36) 2-Methylnaphthalene	12.334	142	407537	35.686	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.551	142	405409	35.413	ng/u1	94
39) 1,2,4,5-Tetrachloroben...	12.704	216	196099	35.237	ng/u1	98
40) Hexachlorocyclopentadiene	12.669	237	97396	29.975	ng/u1	99
41) 2,4,6-Trichlorophenol	12.951	196	134365	34.006	ng/u1	97
42) 2,4,5-Trichlorophenol	13.022	196	147970	35.364	ng/u1	99
43) 1,1'-Biphenyl	13.351	154	525146	34.506	ng/u1	98
44) 2-Chloronaphthalene	13.392	162	407692	34.379	ng/u1	98
45) 2-Nitroaniline	13.610	65	157238	36.510	ng/u1	95
47) Dimethylphthalate	13.981	163	549919	34.694	ng/u1	100
48) 2,6-Dinitrotoluene	14.110	165	116369	36.268	ng/u1	98
50) Acenaphthylene	14.239	152	645243	34.760	ng/u1	99
51) 3-Nitroaniline	14.439	138	113234	32.776	ng/u1	93
52) Acenaphthene	14.581	153	458113	34.784	ng/u1	98
53) 2,4-Dinitrophenol	14.651	184	67683	30.184	ng/u1	92
55) 4-Nitrophenol	14.757	109	104847	35.183	ng/u1	99
56) Dibenzofuran	14.916	168	613025	35.228	ng/u1	99
57) 2,4-Dinitrotoluene	14.898	165	170004	36.384	ng/u1	97
58) 2,3,4,6-Tetrachlorophenol	15.145	232	124645	34.782	ng/u1	97
59) Diethylphthalate	15.345	149	598970	35.652	ng/u1	99
61) Fluorene	15.569	166	524575	36.097	ng/u1	93
62) 4-Chlorophenyl-phenyle...	15.563	204	248237	36.238	ng/u1	95
63) 4-Nitroaniline	15.610	138	114264	37.087	ng/u1	98
66) 4,6-Dinitro-2-methylph...	15.663	198	96315	34.842	ng/u1	99
67) N-Nitrosodiphenylamine	15.781	169	446134	35.415	ng/u1	97
68) 4-Bromophenyl-phenylether	16.457	248	145454	35.106	ng/u1	94
69) Hexachlorobenzene	16.569	284	179502	37.062	ng/u1	92
70) Atrazine	16.739	200	155355	34.597	ng/u1	96
71) Pentachlorophenol	16.922	266	109125	35.462	ng/u1	96
72) Phenanthrene	17.316	178	814976	35.937	ng/u1	98
74) Anthracene	17.404	178	819106	35.658	ng/u1	98
75) 1,2,3,4-Tetrachloroben...	13.310	216	193080	34.798	ng/uL	97
76) Pentachlorobenzene	14.834	250	196292	32.780	ng/uL	98
77) Carbazole	17.686	167	763441	35.769	ng/u1	98
78) Di-n-butylphthalate	18.245	149	1043962	34.369	ng/u1	100
80) Fluoranthene	19.339	202	934726	35.099	ng/u1	98
82) Pyrene	19.704	202	961918	35.261	ng/u1	98
83) Butylbenzylphthalate	20.604	149	502537	36.189	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.398	252	331311	36.469	ng/u1	99
85) Benzo(a)anthracene	21.457	228	949682	34.928	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.380	149	755384	36.855	ng/u1	99
87) Chrysene	21.510	228	902243	35.040	ng/u1	98
89) Di-n-octyl phthalate	22.304	149	1316525	37.115	ng/u1	100
90) Benzo(b)fluoranthene	23.139	252	1002356	36.672	ng/u1	99
91) Benzo(k)fluoranthene	23.186	252	927447	35.747	ng/u1	98
93) Benzo(a)pyrene	23.762	252	850293	36.701	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.380	276	985233	37.392	ng/u1	97
95) Dibenzo(a,h)anthracene	26.392	278	889847	37.680	ng/u1	96
96) Benzo(g,h,i)perylene	27.151	276	807753	35.160	ng/u1	98

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

