

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
 Data File : BN022693.D
 Acq On : 16 Nov 2022 18:49
 Operator : CG/JU
 Sample : PB149092BS
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS092

Quant Time: Nov 16 21:38:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 15 22:53:43 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/17/2022
 Supervised By :mohammad ahmed 11/18/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	80033	20.000	ng/u1	0.00
20) Naphthalene-d8	10.699	136	355796	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.557	164	220193	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.322	188	438167	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	384203	20.000	ng/u1	0.00
88) Perylene-d12	23.957	264	348805	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	13468	5.745	ng/uL	0.00
4) Pyridine-d5	3.622	84	183861	27.734	ng/u1	0.00
7) Phenol-d5	7.046	99	235333	31.133	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	143425	31.646	ng/u1	0.00
11) 2-Chlorophenol-d4	7.399	132	173998	31.432	ng/u1	0.00
15) 4-Methylphenol-d8	8.610	113	188204	31.538	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	88937	32.294	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	98293	31.987	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	169587	32.372	ng/u1	0.00
31) 4-Chloroaniline-d4	10.851	131	229951	28.817	ng/u1	0.00
46) Dimethylphthalate-d6	13.975	166	505495	31.562	ng/u1	0.00
49) Acenaphthylene-d8	14.251	160	573623	32.505	ng/u1	0.00
54) 4-Nitrophenol-d4	14.792	143	95015	29.759	ng/u1	0.00
60) Fluorene-d10	15.557	176	419018	31.899	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	81593	29.296	ng/u1	0.00
73) Anthracene-d10	17.422	188	621165	32.375	ng/u1	0.00
81) Pyrene-d10	19.727	212	674365	33.870	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.804	264	579368	33.043	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	25387	10.177	ng/uL#	95
5) Pyridine	3.646	79	169996	25.862	ng/u1	97
6) Benzaldehyde	7.011	77	131052	34.268	ng/u1	96
8) Phenol	7.075	94	225807	28.682	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.299	93	171540	27.963	ng/u1	99
12) 2-Chlorophenol	7.434	128	171853	29.074	ng/u1	100
13) 2-Methylphenol	8.334	108	167405	28.568	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.416	45	234376	28.943	ng/u1	98
16) Acetophenone	8.716	105	270761	28.428	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.705	70	147662	29.089	ng/u1	99
18) 4-Methylphenol	8.675	108	183199	28.791	ng/u1	98
19) Hexachloroethane	8.952	117	72261	28.874	ng/u1	93
22) Nitrobenzene	9.099	77	222025	29.756	ng/u1	99
23) Isophorone	9.628	82	405986	28.446	ng/u1	100
25) 2-Nitrophenol	9.816	139	100077	29.622	ng/u1	98
26) 2,4-Dimethylphenol	9.881	107	211483	29.182	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.116	93	237619	28.871	ng/u1	99
29) 2,4-Dichlorophenol	10.357	162	159456	29.947	ng/u1	99
30) Naphthalene	10.751	128	550195	29.134	ng/u1	99
32) 4-Chloroaniline	10.875	127	216899	26.027	ng/u1	99
33) Hexachlorobutadiene	11.028	225	95071	29.008	ng/u1	89
34) Caprolactam	11.675	113	54440m	26.951	ng/u1	
35) 4-Chloro-3-methylphenol	12.016	107	202534	29.165	ng/u1	95
36) 2-Methylnaphthalene	12.375	142	366352	28.477	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.593	142	372656	28.896	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.740	216	174283	29.488	ng/ul	96
40) Hexachlorocyclopentadiene	12.710	237	92160	26.708	ng/ul	96
41) 2,4,6-Trichlorophenol	12.993	196	122998	29.311	ng/ul	96
42) 2,4,5-Trichlorophenol	13.069	196	133412	30.023	ng/ul	97
43) 1,1'-Biphenyl	13.387	154	476021	29.452	ng/ul	99
44) 2-Chloronaphthalene	13.434	162	368408	29.252	ng/ul	98
45) 2-Nitroaniline	13.651	65	135422	29.609	ng/ul	97
47) Dimethylphthalate	14.022	163	486932	28.926	ng/ul	98
48) 2,6-Dinitrotoluene	14.151	165	102830	30.177	ng/ul	99
50) Acenaphthylene	14.281	152	582705	29.558	ng/ul	98
51) 3-Nitroaniline	14.481	138	99794	27.199	ng/ul	98
52) Acenaphthene	14.622	153	407542	29.137	ng/ul	100
53) 2,4-Dinitrophenol	14.692	184	50746	21.309	ng/ul	99
55) 4-Nitrophenol	14.804	109	87964	27.794	ng/ul	98
56) Dibenzofuran	14.957	168	549542	29.736	ng/ul	99
57) 2,4-Dinitrotoluene	14.940	165	144913	29.203	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.192	232	110251	28.969	ng/ul	96
59) Diethylphthalate	15.387	149	514486	28.835	ng/ul	99
61) Fluorene	15.610	166	449344	29.115	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.604	204	211901	29.127	ng/ul	95
63) 4-Nitroaniline	15.651	138	99592	30.437	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.704	198	76380	26.532	ng/ul	99
67) N-Nitrosodiphenylamine	15.828	169	396446	30.220	ng/ul	99
68) 4-Bromophenyl-phenylether	16.504	248	130421	30.226	ng/ul	99
69) Hexachlorobenzene	16.616	284	152476	30.230	ng/ul	92
70) Atrazine	16.786	200	138354	29.586	ng/ul	99
71) Pentachlorophenol	16.969	266	86077	26.860	ng/ul	89
72) Phenanthrene	17.363	178	712242	30.158	ng/ul	98
74) Anthracene	17.457	178	706125	29.518	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.351	216	175732	30.413	ng/uL	97
76) Pentachlorobenzene	14.875	250	171218	27.456	ng/uL	97
77) Carbazole	17.733	167	655377	29.486	ng/ul	99
78) Di-n-butylphthalate	18.292	149	862275	27.259	ng/ul	100
80) Fluoranthene	19.392	202	771865	31.061	ng/ul	99
82) Pyrene	19.757	202	794666	31.218	ng/ul	100
83) Butylbenzylphthalate	20.657	149	389536	30.062	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.451	252	245034	28.905	ng/ul	95
85) Benzo(a)anthracene	21.516	228	740293	29.178	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.433	149	562814	29.428	ng/ul	99
87) Chrysene	21.569	228	697554	29.033	ng/ul	99
89) Di-n-octyl phthalate	22.369	149	942950	30.738	ng/ul	100
90) Benzo(b)fluoranthene	23.216	252	715592	30.273	ng/ul	98
91) Benzo(k)fluoranthene	23.263	252	668739	29.804	ng/ul	96
93) Benzo(a)pyrene	23.851	252	586606	29.277	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.504	276	634198	27.832	ng/ul	99
95) Dibenzo(a,h)anthracene	26.527	278	562563	27.545	ng/ul	97
96) Benzo(g,h,i)perylene	27.292	276	542792	27.320	ng/ul	98

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

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