

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020623\
 Data File : BN023960.D
 Acq On : 06 Feb 2023 19:39
 Operator : CG/JU
 Sample : PB150667BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS667

Quant Time: Feb 07 03:01:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020623.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 07 02:28:26 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2023
 Supervised By :mohammad ahmed 02/07/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	129673	20.000	ng/u1	0.00
20) Naphthalene-d8	10.646	136	515188	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.493	164	294730	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.245	188	598048	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	553831	20.000	ng/u1	0.00
88) Perylene-d12	23.827	264	591472	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	18581	5.794	ng/uL	0.00
4) Pyridine-d5	3.652	84	236507	26.587	ng/u1	0.00
7) Phenol-d5	7.011	99	307329	27.724	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	196940	28.153	ng/u1	0.00
11) 2-Chlorophenol-d4	7.369	132	251796	29.205	ng/u1	0.00
15) 4-Methylphenol-d8	8.563	113	232961	26.901	ng/u1	0.00
21) Nitrobenzene-d5	9.010	128	117825	28.648	ng/u1	0.00
24) 2-Nitrophenol-d4	9.734	143	129044	27.943	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	244848	28.451	ng/u1	0.00
31) 4-Chloroaniline-d4	10.793	131	286010	24.590	ng/u1	0.00
46) Dimethylphthalate-d6	13.910	166	635215	27.885	ng/u1	0.00
49) Acenaphthylene-d8	14.187	160	722090	28.613	ng/u1	0.00
54) 4-Nitrophenol-d4	14.704	143	105064	26.812	ng/u1	0.00
60) Fluorene-d10	15.487	176	548626	28.604	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.616	200	112799	27.299	ng/u1	0.00
73) Anthracene-d10	17.339	188	802279	29.449	ng/u1	0.00
81) Pyrene-d10	19.639	212	932100	27.939	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.663	264	901169	29.781	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	37083	10.933	ng/uL#	92
5) Pyridine	3.675	79	246906	27.609	ng/u1	99
6) Benzaldehyde	6.981	77	189398	39.434	ng/u1	97
8) Phenol	7.040	94	319601	28.562	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.269	93	264089	29.038	ng/u1	99
12) 2-Chlorophenol	7.405	128	256016	29.205	ng/u1	99
13) 2-Methylphenol	8.293	108	233424	27.847	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.375	45	329745	29.104	ng/u1	99
16) Acetophenone	8.669	105	375693	27.809	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.658	70	199876	27.548	ng/u1	97
18) 4-Methylphenol	8.622	108	253663	28.090	ng/u1	97
19) Hexachloroethane	8.916	117	109645	29.934	ng/u1	94
22) Nitrobenzene	9.052	77	309793	29.690	ng/u1	100
23) Isophorone	9.581	82	531483	27.679	ng/u1	99
25) 2-Nitrophenol	9.763	139	140539	29.089	ng/u1	97
26) 2,4-Dimethylphenol	9.828	107	275874	28.659	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.063	93	335664	28.143	ng/u1	99
29) 2,4-Dichlorophenol	10.299	162	244225	29.263	ng/u1	96
30) Naphthalene	10.699	128	794763	28.768	ng/u1	99
32) 4-Chloroaniline	10.816	127	286153	24.645	ng/u1	100
33) Hexachlorobutadiene	10.981	225	180029	30.082	ng/u1	98
34) Caprolactam	11.599	113	60465m	25.478	ng/u1	
35) 4-Chloro-3-methylphenol	11.946	107	236902	27.015	ng/u1	100
36) 2-Methylnaphthalene	12.310	142	523826	28.161	ng/u1	98

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37) 1-Methylnaphthalene	12.534	142	529850	27.999	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.681	216	316766	30.678	ng/u1	99
40) Hexachlorocyclopentadiene	12.657	237	207330	27.711	ng/u1	94
41) 2,4,6-Trichlorophenol	12.928	196	195982	29.909	ng/u1	93
42) 2,4,5-Trichlorophenol	12.999	196	209076	29.464	ng/u1	97
43) 1,1'-Biphenyl	13.328	154	700086	29.833	ng/u1	100
44) 2-Chloronaphthalene	13.369	162	554352	30.388	ng/u1	99
45) 2-Nitroaniline	13.581	65	152822	29.351	ng/u1	98
47) Dimethylphthalate	13.957	163	655878	28.905	ng/u1	100
48) 2,6-Dinitrotoluene	14.081	165	127475	28.742	ng/u1	97
50) Acenaphthylene	14.216	152	809390	30.126	ng/u1	100
51) 3-Nitroaniline	14.410	138	116268	29.767	ng/u1	97
52) Acenaphthene	14.557	153	555317	29.589	ng/u1	99
53) 2,4-Dinitrophenol	14.616	184	76113	25.524	ng/u1	99
55) 4-Nitrophenol	14.722	109	98678	28.452	ng/u1	98
56) Dibenzofuran	14.893	168	777732	29.292	ng/u1	100
57) 2,4-Dinitrotoluene	14.863	165	177358	28.813	ng/u1	96
58) 2,3,4,6-Tetrachlorophenol	15.122	232	177270	28.722	ng/u1	100
59) Diethylphthalate	15.322	149	629166	28.398	ng/u1	99
61) Fluorene	15.545	166	626305	28.781	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.540	204	333393	29.120	ng/u1	96
63) 4-Nitroaniline	15.575	138	117400m	35.081	ng/u1	
66) 4,6-Dinitro-2-methylph...	15.628	198	112913	28.099	ng/u1	98
67) N-Nitrosodiphenylamine	15.757	169	522974	30.344	ng/u1	98
68) 4-Bromophenyl-phenylether	16.434	248	214570	30.620	ng/u1	93
69) Hexachlorobenzene	16.545	284	244687	30.561	ng/u1	98
70) Atrazine	16.710	200	185251	27.514	ng/u1	98
71) Pentachlorophenol	16.892	266	139991	27.526	ng/u1	94
72) Phenanthrene	17.287	178	958787	30.117	ng/u1	96
74) Anthracene	17.375	178	956619	30.011	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.293	216	308202	32.128	ng/uL	96
76) Pentachlorobenzene	14.810	250	300264	31.536	ng/uL	97
77) Carbazole	17.651	167	825361	30.044	ng/u1	99
78) Di-n-butylphthalate	18.216	149	1027602	22.397	ng/u1	100
80) Fluoranthene	19.304	202	1079915	27.205	ng/u1	99
82) Pyrene	19.669	202	1162257	28.764	ng/u1	99
83) Butylbenzylphthalate	20.569	149	443274	28.002	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.351	252	377694	28.992	ng/u1	99
85) Benzo(a)anthracene	21.416	228	1146581	29.877	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.339	149	689836	29.367	ng/u1	98
87) Chrysene	21.475	228	1060921	29.873	ng/u1	98
89) Di-n-octyl phthalate	22.263	149	1140515	27.891	ng/u1	100
90) Benzo(b)fluoranthene	23.098	252	1184343	30.392	ng/u1	99
91) Benzo(k)fluoranthene	23.145	252	1125033	30.300	ng/u1	97
93) Benzo(a)pyrene	23.710	252	1013453	30.633	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.304	276	1367212	32.018	ng/u1	98
95) Dibenzo(a,h)anthracene	26.315	278	1165649	32.896	ng/u1	98
96) Benzo(g,h,i)perylene	27.057	276	1110820	32.164	ng/u1	97

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

