

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090622\
 Data File : BN021616.D
 Acq On : 07 Sep 2022 00:39
 Operator : CG/JU
 Sample : PB147443BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS443

Quant Time: Sep 07 01:45:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 07 01:01:49 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/07/2022
 Supervised By :mohammad ahmed 09/07/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	173519	20.000	ng/u1	0.00
20) Naphthalene-d8	10.899	136	774072	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.722	164	469123	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	970642	20.000	ng/u1	0.00
79) Chrysene-d12	21.663	240	769776	20.000	ng/u1	0.00
88) Perylene-d12	24.174	264	628186	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	32084	6.942	ng/uL	0.00
4) Pyridine-d5	3.793	84	423072	33.588	ng/u1	0.00
7) Phenol-d5	7.216	99	608302	38.653	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	362383	38.041	ng/u1	0.00
11) 2-Chlorophenol-d4	7.587	132	456566	39.875	ng/u1	0.00
15) 4-Methylphenol-d8	8.781	113	472617	38.274	ng/u1	0.00
21) Nitrobenzene-d5	9.246	128	230253	43.659	ng/u1	0.00
24) 2-Nitrophenol-d4	9.969	143	243913	51.780	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.510	165	444568	42.614	ng/u1	0.00
31) 4-Chloroaniline-d4	11.034	131	502375	28.355	ng/u1	0.00
46) Dimethylphthalate-d6	14.128	166	1265005	39.452	ng/u1	0.00
49) Acenaphthylene-d8	14.416	160	1469626	39.315	ng/u1	0.00
54) 4-Nitrophenol-d4	14.922	143	252198	39.526	ng/u1	0.00
60) Fluorene-d10	15.710	176	1070224	38.359	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.834	200	193864	49.934	ng/u1	0.00
73) Anthracene-d10	17.569	188	1560763	36.488	ng/u1	0.00
81) Pyrene-d10	19.863	212	1694083	46.277	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.016	264	1311567	44.049	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	70066	14.721	ng/uL	98
5) Pyridine	3.817	79	465257	36.710	ng/u1	90
6) Benzaldehyde	7.193	77	107211	15.679	ng/u1	95
8) Phenol	7.246	94	634388	39.009	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.481	93	509436	39.287	ng/u1	96
12) 2-Chlorophenol	7.622	128	488729	39.787	ng/u1	97
13) 2-Methylphenol	8.511	108	484864	39.240	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.605	45	651947	39.860	ng/u1	96
16) Acetophenone	8.899	105	726512	37.200	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.887	70	376214	38.687	ng/u1	94
18) 4-Methylphenol	8.846	108	520307	38.333	ng/u1	98
19) Hexachloroethane	9.158	117	194449	39.716	ng/u1	90
22) Nitrobenzene	9.287	77	555684	42.757	ng/u1	96
23) Isophorone	9.810	82	1111921	41.549	ng/u1	98
25) 2-Nitrophenol	10.005	139	270784	49.074	ng/u1	94
26) 2,4-Dimethylphenol	10.057	107	551577	40.367	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.299	93	694919	41.465	ng/u1	97
29) 2,4-Dichlorophenol	10.540	162	445325	40.741	ng/u1	97
30) Naphthalene	10.952	128	1514765	37.582	ng/u1	100
32) 4-Chloroaniline	11.057	127	355663	19.371	ng/u1	100
33) Hexachlorobutadiene	11.228	225	253060	40.187	ng/u1	98
34) Caprolactam	11.828	113	163727m	39.159	ng/u1	
35) 4-Chloro-3-methylphenol	12.181	107	527197	42.796	ng/u1	98
36) 2-Methylnaphthalene	12.551	142	1045552	38.347	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.775	142	1030654	37.613	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.922	216	475190	39.502	ng/ul	97
40) Hexachlorocyclopentadiene	12.899	237	293224	40.942	ng/ul	94
41) 2,4,6-Trichlorophenol	13.157	196	337878	45.267	ng/ul	98
42) 2,4,5-Trichlorophenol	13.228	196	379021	46.281	ng/ul	97
43) 1,1'-Biphenyl	13.557	154	1368551	39.919	ng/ul	98
44) 2-Chloronaphthalene	13.604	162	1035883	39.468	ng/ul	98
45) 2-Nitroaniline	13.810	65	331645	50.380	ng/ul	87
47) Dimethylphthalate	14.175	163	1325745	40.421	ng/ul	98
48) 2,6-Dinitrotoluene	14.298	165	285155	50.678	ng/ul	97
50) Acenaphthylene	14.445	152	1689930	39.161	ng/ul	97
51) 3-Nitroaniline	14.628	138	288746	46.063	ng/ul	98
52) Acenaphthene	14.787	153	1079139	38.702	ng/ul	97
53) 2,4-Dinitrophenol	14.834	184	151420	54.970	ng/ul	95
55) 4-Nitrophenol	14.934	109	196513	38.421	ng/ul	90
56) Dibenzofuran	15.122	168	1544426	38.551	ng/ul	98
57) 2,4-Dinitrotoluene	15.081	165	392646	48.048	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.345	232	273057	43.439	ng/ul	95
59) Diethylphthalate	15.534	149	1350770	40.839	ng/ul	98
61) Fluorene	15.769	166	1158256	36.658	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.757	204	540888	37.136	ng/ul	95
63) 4-Nitroaniline	15.792	138	307935	48.951	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.845	198	209006	50.816	ng/ul	96
67) N-Nitrosodiphenylamine	15.975	169	1066046	39.186	ng/ul	99
68) 4-Bromophenyl-phenylether	16.657	248	350736	40.629	ng/ul	96
69) Hexachlorobenzene	16.775	284	400040	38.929	ng/ul	96
70) Atrazine	16.916	200	18548	1.927	ng/ul	93
71) Pentachlorophenol	17.116	266	228667	39.969	ng/ul	99
72) Phenanthrene	17.516	178	1936790	37.776	ng/ul	98
74) Anthracene	17.604	178	1890182	37.025	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.528	216	501956	40.631	ng/uL	95
76) Pentachlorobenzene	15.034	250	459242	39.023	ng/uL	96
77) Carbazole	17.875	167	1810228	37.522	ng/ul	98
78) Di-n-butylphthalate	18.433	149	2342524	43.067	ng/ul	100
80) Fluoranthene	19.528	202	2207379	49.990	ng/ul#	94
82) Pyrene	19.892	202	2157717	46.885	ng/ul#	92
83) Butylbenzylphthalate	20.780	149	1006523	57.783	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.575	252	550106	37.480	ng/ul#	96
85) Benzo(a)anthracene	21.645	228	1888274	40.741	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.557	149	1441445	54.047	ng/ul#	96
87) Chrysene	21.704	228	1814059	40.425	ng/ul	98
89) Di-n-octyl phthalate	22.522	149	2398276	65.176	ng/ul	100
90) Benzo(b)fluoranthene	23.410	252	1861053	48.696	ng/ul#	97
91) Benzo(k)fluoranthene	23.457	252	1681292m	49.179	ng/ul	
93) Benzo(a)pyrene	24.069	252	1686408	46.120	ng/ul	93
94) Indeno(1,2,3-cd)pyrene	26.833	276	1694670	37.751	ng/ul	94
95) Dibenzo(a,h)anthracene	26.857	278	1453515	38.367	ng/ul	97
96) Benzo(g,h,i)perylene	27.651	276	1416706m	36.165	ng/ul	

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

