

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111722\
 Data File : BN022748.D
 Acq On : 18 Nov 2022 09:44
 Operator : CG/JU
 Sample : PB149146BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS146

Quant Time: Nov 18 21:47:06 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 18 05:17:17 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/21/2022
 Supervised By :mohammad ahmed 11/21/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	61640	20.000	ng/u1	0.00
20) Naphthalene-d8	10.669	136	299480	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.522	164	201126	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.280	188	426143	20.000	ng/u1	0.00
79) Chrysene-d12	21.486	240	420461	20.000	ng/u1	0.00
88) Perylene-d12	23.886	264	439864	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	9107	5.044	ng/uL	0.00
4) Pyridine-d5	3.616	84	76580	14.999	ng/u1	0.00
7) Phenol-d5	7.022	99	176773	30.364	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	109276	31.306	ng/u1	0.00
11) 2-Chlorophenol-d4	7.381	132	128956	30.246	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	146788	31.938	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	68985	29.759	ng/u1	0.00
24) 2-Nitrophenol-d4	9.757	143	76219	29.467	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.298	165	136172	30.881	ng/u1	0.00
31) 4-Chloroaniline-d4	10.822	131	115691	17.225	ng/u1	0.00
46) Dimethylphthalate-d6	13.939	166	452220	30.912	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	488089	30.281	ng/u1	0.00
54) 4-Nitrophenol-d4	14.751	143	91440	31.354	ng/u1	0.00
60) Fluorene-d10	15.522	176	368474	30.711	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	79035	29.179	ng/u1	0.00
73) Anthracene-d10	17.380	188	571251	30.614	ng/u1	0.00
81) Pyrene-d10	19.680	212	644169	29.563	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.733	264	687101	31.074	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.216	88	18191	9.468	ng/uL#	90
5) Pyridine	3.634	79	123722	24.439	ng/u1	97
6) Benzaldehyde	6.993	77	84290	28.617	ng/u1	99
8) Phenol	7.052	94	176514	29.111	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.281	93	137393	29.079	ng/u1	98
12) 2-Chlorophenol	7.410	128	130088	28.575	ng/u1	98
13) 2-Methylphenol	8.310	108	133198	29.513	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.393	45	190644	30.567	ng/u1	98
16) Acetophenone	8.693	105	225890	30.793	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.675	70	124651	31.883	ng/u1	98
18) 4-Methylphenol	8.646	108	150937	30.799	ng/u1	97
19) Hexachloroethane	8.934	117	53909	27.969	ng/u1	96
22) Nitrobenzene	9.075	77	178525	28.426	ng/u1	98
23) Isophorone	9.604	82	348993	29.051	ng/u1	99
25) 2-Nitrophenol	9.787	139	81236	28.567	ng/u1	95
26) 2,4-Dimethylphenol	9.851	107	172196	28.229	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.093	93	204567	29.529	ng/u1	100
29) 2,4-Dichlorophenol	10.328	162	129236	28.836	ng/u1	98
30) Naphthalene	10.722	128	452791	28.485	ng/u1	100
32) 4-Chloroaniline	10.845	127	166583	23.748	ng/u1	100
33) Hexachlorobutadiene	10.998	225	78020	28.282	ng/u1	96
34) Caprolactam	11.640	113	51396m	30.228	ng/u1	
35) 4-Chloro-3-methylphenol	11.981	107	178512	30.540	ng/u1	99
36) 2-Methylnaphthalene	12.340	142	309954	28.624	ng/u1	93

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37) 1-Methylnaphthalene	12.563	142	317660	29.264	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.710	216	151019	27.974	ng/u1	99
40) Hexachlorocyclopentadiene	12.681	237	78331	24.852	ng/u1	97
41) 2,4,6-Trichlorophenol	12.957	196	104163	27.176	ng/u1	99
42) 2,4,5-Trichlorophenol	13.034	196	114514	28.213	ng/u1	96
43) 1,1'-Biphenyl	13.357	154	420390	28.476	ng/u1	97
44) 2-Chloronaphthalene	13.398	162	325342	28.282	ng/u1	95
45) 2-Nitroaniline	13.616	65	124101	29.706	ng/u1	95
47) Dimethylphthalate	13.986	163	447719	29.118	ng/u1	99
48) 2,6-Dinitrotoluene	14.116	165	92499	29.719	ng/u1	96
50) Acenaphthylene	14.245	152	527215	29.279	ng/u1	98
51) 3-Nitroaniline	14.445	138	95046	28.361	ng/u1	97
52) Acenaphthene	14.586	153	366072	28.653	ng/u1	96
53) 2,4-Dinitrophenol	14.657	184	55180	25.368	ng/u1	99
55) 4-Nitrophenol	14.763	109	86207	29.821	ng/u1	96
56) Dibenzofuran	14.928	168	496079	29.387	ng/u1	100
57) 2,4-Dinitrotoluene	14.904	165	139362	30.747	ng/u1	98
58) 2,3,4,6-Tetrachlorophenol	15.157	232	96986	27.899	ng/u1	96
59) Diethylphthalate	15.351	149	488915	30.000	ng/u1	99
61) Fluorene	15.575	166	420196	29.807	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.569	204	193295	29.089	ng/u1	92
63) 4-Nitroaniline	15.616	138	96503	32.289	ng/u1	99
66) 4,6-Dinitro-2-methylph...	15.669	198	77001	27.503	ng/u1	98
67) N-Nitrosodiphenylamine	15.792	169	365469	28.644	ng/u1	98
68) 4-Bromophenyl-phenylether	16.469	248	119495	28.475	ng/u1	98
69) Hexachlorobenzene	16.580	284	137585	28.048	ng/u1	93
70) Atrazine	16.745	200	61055	13.425	ng/u1	96
71) Pentachlorophenol	16.933	266	79470	25.498	ng/u1	98
72) Phenanthrene	17.322	178	671378	29.230	ng/u1	96
74) Anthracene	17.416	178	668890	28.750	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.322	216	153415	27.300	ng/uL	97
76) Pentachlorobenzene	14.845	250	157735	26.007	ng/uL	97
77) Carbazole	17.692	167	636363	29.438	ng/u1	97
78) Di-n-butylphthalate	18.251	149	856524	27.841	ng/u1	99
80) Fluoranthene	19.345	202	763391	28.071	ng/u1	97
82) Pyrene	19.716	202	807028	28.969	ng/u1	97
83) Butylbenzylphthalate	20.616	149	415466	29.299	ng/u1	97
84) 3,3'-Dichlorobenzidine	21.410	252	265414	28.609	ng/u1	95
85) Benzo(a)anthracene	21.474	228	782841	28.195	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.392	149	621589	29.699	ng/u1	99
87) Chrysene	21.527	228	759260	28.876	ng/u1	97
89) Di-n-octyl phthalate	22.315	149	1089434	28.161	ng/u1	100
90) Benzo(b)fluoranthene	23.151	252	834559	27.997	ng/u1	99
91) Benzo(k)fluoranthene	23.204	252	841340	29.734	ng/u1	98
93) Benzo(a)pyrene	23.780	252	723032	28.616	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	26.404	276	919953	32.014	ng/u1	99
95) Dibenzo(a,h)anthracene	26.415	278	778590	30.230	ng/u1	100
96) Benzo(g,h,i)perylene	27.174	276	772068	30.815	ng/u1	100

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

