

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112122\
 Data File : BN022816.D
 Acq On : 22 Nov 2022 09:30
 Operator : CG/JU
 Sample : PB149188BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS188

Quant Time: Nov 23 05:34:56 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	69311	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	322117	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.516	164	206226	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.269	188	420928	20.000	ng/u1	0.00
79) Chrysene-d12	21.474	240	419047	20.000	ng/u1	0.00
88) Perylene-d12	23.862	264	411277	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	11097	5.466	ng/uL	0.00
4) Pyridine-d5	3.611	84	150662	26.242	ng/u1	0.00
7) Phenol-d5	7.016	99	207998	31.774	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	129682	33.040	ng/u1	0.00
11) 2-Chlorophenol-d4	7.369	132	151428	31.586	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	164853	31.899	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	80623	32.336	ng/u1	0.00
24) 2-Nitrophenol-d4	9.751	143	87990	31.628	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	154975	32.676	ng/u1	0.00
31) 4-Chloroaniline-d4	10.816	131	216262	29.935	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	497293	33.153	ng/u1	0.00
49) Acenaphthylene-d8	14.210	160	553427	33.485	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	97003	32.439	ng/u1	0.00
60) Fluorene-d10	15.510	176	411630	33.459	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	87158	32.576	ng/u1	0.00
73) Anthracene-d10	17.375	188	621526	33.721	ng/u1	0.00
81) Pyrene-d10	19.674	212	719748	33.143	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.715	264	718324	34.745	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	20404	9.444	ng/uL#	91
5) Pyridine	3.628	79	147542	25.919	ng/u1	93
6) Benzaldehyde	6.987	77	118510	35.782	ng/u1	99
8) Phenol	7.040	94	199755	29.298	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.275	93	154504	29.082	ng/u1	98
12) 2-Chlorophenol	7.404	128	150723	29.443	ng/u1	98
13) 2-Methylphenol	8.304	108	148481	29.258	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.387	45	220757	31.478	ng/u1	98
16) Acetophenone	8.687	105	253090	30.683	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.675	70	136181	30.977	ng/u1	97
18) 4-Methylphenol	8.640	108	164041	29.769	ng/u1	97
19) Hexachloroethane	8.922	117	64517	29.768	ng/u1	98
22) Nitrobenzene	9.069	77	203421	30.114	ng/u1	99
23) Isophorone	9.598	82	383502	29.680	ng/u1	100
25) 2-Nitrophenol	9.781	139	89538	29.274	ng/u1	95
26) 2,4-Dimethylphenol	9.846	107	173204	26.399	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.081	93	221862	29.775	ng/u1	99
29) 2,4-Dichlorophenol	10.316	162	144833	30.045	ng/u1	98
30) Naphthalene	10.716	128	512750	29.990	ng/u1	99
32) 4-Chloroaniline	10.840	127	205252	27.205	ng/u1	98
33) Hexachlorobutadiene	10.987	225	90175	30.391	ng/u1	98
34) Caprolactam	11.634	113	56011m	30.628	ng/u1	
35) 4-Chloro-3-methylphenol	11.969	107	193374	30.758	ng/u1	99
36) 2-Methylnaphthalene	12.334	142	349424	30.001	ng/u1	94

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112122\
 Data File : BN022816.D
 Acq On : 22 Nov 2022 09:30
 Operator : CG/JU
 Sample : PB149188BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SLCS188

Manual Integrations

APPROVED

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

Quant Time: Nov 23 05:34:56 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.551	142	355920	30.484	ng/u1	94
39) 1,2,4,5-Tetrachloroben...	12.704	216	164007	29.629	ng/u1	99
40) Hexachlorocyclopentadiene	12.669	237	80302	24.847	ng/u1	99
41) 2,4,6-Trichlorophenol	12.951	196	116645	29.680	ng/u1	97
42) 2,4,5-Trichlorophenol	13.022	196	129218	31.048	ng/u1	98
43) 1,1'-Biphenyl	13.351	154	460419	30.416	ng/u1	98
44) 2-Chloronaphthalene	13.392	162	357447	30.304	ng/u1	97
45) 2-Nitroaniline	13.610	65	137216	32.033	ng/u1	98
47) Dimethylphthalate	13.981	163	487717	30.935	ng/u1	99
48) 2,6-Dinitrotoluene	14.110	165	98400	30.833	ng/u1	96
50) Acenaphthylene	14.239	152	564455	30.572	ng/u1	99
51) 3-Nitroaniline	14.439	138	102904	29.946	ng/u1	99
52) Acenaphthene	14.581	153	398789	30.442	ng/u1	99
53) 2,4-Dinitrophenol	14.651	184	59307	26.591	ng/u1	97
55) 4-Nitrophenol	14.757	109	91873	30.995	ng/u1	96
56) Dibenzofuran	14.916	168	536451	30.993	ng/u1	100
57) 2,4-Dinitrotoluene	14.898	165	149272	32.119	ng/u1	96
58) 2,3,4,6-Tetrachlorophenol	15.145	232	107921	30.277	ng/u1	99
59) Diethylphthalate	15.345	149	521011	31.179	ng/u1	99
61) Fluorene	15.569	166	455308	31.499	ng/u1	96
62) 4-Chlorophenyl-phenyle...	15.563	204	206738	30.342	ng/u1	94
63) 4-Nitroaniline	15.610	138	101577	33.146	ng/u1	98
66) 4,6-Dinitro-2-methylph...	15.663	198	83547	30.211	ng/u1	98
67) N-Nitrosodiphenylamine	15.781	169	391127	31.035	ng/u1	96
68) 4-Bromophenyl-phenylether	16.457	248	129415	31.221	ng/u1	96
69) Hexachlorobenzene	16.569	284	154002	31.783	ng/u1	90
70) Atrazine	16.739	200	142840	31.797	ng/u1	96
71) Pentachlorophenol	16.922	266	94291	30.628	ng/u1	99
72) Phenanthrene	17.316	178	705617	31.101	ng/u1	98
74) Anthracene	17.404	178	722231	31.428	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.310	216	165595	29.832	ng/uL	96
76) Pentachlorobenzene	14.834	250	168986	28.208	ng/uL	97
77) Carbazole	17.686	167	669891	31.373	ng/u1	97
78) Di-n-butylphthalate	18.239	149	919951	30.273	ng/u1	99
80) Fluoranthene	19.339	202	827079	30.515	ng/u1	99
82) Pyrene	19.704	202	853137	30.728	ng/u1	97
83) Butylbenzylphthalate	20.604	149	436519	30.887	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.398	252	282705	30.576	ng/u1	93
85) Benzo(a)anthracene	21.457	228	836885	30.243	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.380	149	658441	31.566	ng/u1	96
87) Chrysene	21.510	228	758824	28.957	ng/u1	94
89) Di-n-octyl phthalate	22.298	149	1139283	31.497	ng/u1	100
90) Benzo(b)fluoranthene	23.133	252	856653	30.735	ng/u1	97
91) Benzo(k)fluoranthene	23.180	252	841436	31.805	ng/u1	99
93) Benzo(a)pyrene	23.762	252	736411	31.171	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.368	276	867979	32.305	ng/u1	97
95) Dibenzo(a,h)anthracene	26.386	278	763206	31.693	ng/u1	99
96) Benzo(g,h,i)perylene	27.145	276	724034	30.906	ng/u1	99

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

