

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
 Data File : BN020201.D
 Acq On : 16 Jun 2022 13:06
 Operator : CG/JU
 Sample : PB145551BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS551

Quant Time: Jun 17 02:27:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 16 00:50:14 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/17/2022
 Supervised By :mohammad ahmed 06/22/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	153716	20.000	ng/u1	0.00
20) Naphthalene-d8	10.581	136	721460	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.422	164	465841	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.163	188	980513	20.000	ng/u1	0.00
79) Chrysene-d12	21.357	240	855236	20.000	ng/u1	0.00
88) Perylene-d12	23.669	264	763838	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	20643m	5.817	ng/uL	0.00
4) Pyridine-d5	3.664	84	287780	29.667	ng/u1	-0.01
7) Phenol-d5	6.987	99	401783	31.588	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.128	67	241503	30.389	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	332876	32.209	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	352747	32.055	ng/u1	0.01
21) Nitrobenzene-d5	8.946	128	173679	31.643	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	191220	32.827	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	327260	32.182	ng/u1	0.01
31) 4-Chloroaniline-d4	10.716	131	474077	28.789	ng/u1	0.00
46) Dimethylphthalate-d6	13.840	166	1085147	32.015	ng/u1	0.00
49) Acenaphthylene-d8	14.116	160	1268697	32.276	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	211589	31.152	ng/u1	0.04
60) Fluorene-d10	15.416	176	905321	32.277	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.540	200	198778	34.998	ng/u1	0.00
73) Anthracene-d10	17.263	188	1394899	32.597	ng/u1	0.00
81) Pyrene-d10	19.557	212	1584537	34.176	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.522	264	1239173	33.157	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	41177	10.990	ng/uL#	90
5) Pyridine	3.687	79	288514	28.371	ng/u1	92
6) Benzaldehyde	6.934	77	229233	38.248	ng/u1	92
8) Phenol	7.011	94	412355	30.445	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.222	93	318563	30.051	ng/u1	97
12) 2-Chlorophenol	7.369	128	327460	30.313	ng/u1	99
13) 2-Methylphenol	8.258	108	319377	30.673	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.322	45	484020	29.117	ng/u1	98
16) Acetophenone	8.611	105	514824	30.763	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.605	70	258234	30.206	ng/u1	96
18) 4-Methylphenol	8.581	108	353344	30.746	ng/u1	98
19) Hexachloroethane	8.869	117	126841	29.181	ng/u1	92
22) Nitrobenzene	8.987	77	375745	29.525	ng/u1	97
23) Isophorone	9.516	82	748558	29.790	ng/u1	98
25) 2-Nitrophenol	9.699	139	198208	30.794	ng/u1	99
26) 2,4-Dimethylphenol	9.775	107	398732	29.901	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.999	93	452679	29.439	ng/u1	97
29) 2,4-Dichlorophenol	10.246	162	327632	31.147	ng/u1	98
30) Naphthalene	10.634	128	1084882	29.015	ng/u1	99
32) 4-Chloroaniline	10.746	127	457605	27.782	ng/u1	98
33) Hexachlorobutadiene	10.928	225	173682	28.759	ng/u1	98
34) Caprolactam	11.510	113	127475m	31.033	ng/u1	
35) 4-Chloro-3-methylphenol	11.893	107	402567	32.412	ng/u1	99
36) 2-Methylnaphthalene	12.246	142	762784	30.175	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
 Data File : BN020201.D
 Acq On : 16 Jun 2022 13:06
 Operator : CG/JU
 Sample : PB145551BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS551

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/17/2022
 Supervised By :mohammad ahmed 06/22/2022

Quant Time: Jun 17 02:27:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 16 00:50:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.463	142	781368	30.290	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.616	216	352101	29.636	ng/ul	99
40) Hexachlorocyclopentadiene	12.599	237	181736	25.146	ng/ul	99
41) 2,4,6-Trichlorophenol	12.863	196	262457	32.037	ng/ul	94
42) 2,4,5-Trichlorophenol	12.951	196	282106	31.093	ng/ul	97
43) 1,1'-Biphenyl	13.257	154	1039793	30.144	ng/ul	98
44) 2-Chloronaphthalene	13.299	162	781217	29.853	ng/ul	96
45) 2-Nitroaniline	13.504	65	271110	33.301	ng/ul	94
47) Dimethylphthalate	13.887	163	1049886	30.768	ng/ul	100
48) 2,6-Dinitrotoluene	14.004	165	222698	33.380	ng/ul	93
50) Acenaphthylene	14.146	152	1316991	30.261	ng/ul	99
51) 3-Nitroaniline	14.328	138	234710	33.278	ng/ul	98
52) Acenaphthene	14.487	153	845215	29.733	ng/ul	99
53) 2,4-Dinitrophenol	14.540	184	139258	32.603	ng/ul	99
55) 4-Nitrophenol	14.675	109	171228	29.534	ng/ul	97
56) Dibenzofuran	14.822	168	1208538	30.176	ng/ul	97
57) 2,4-Dinitrotoluene	14.787	165	328466	33.252	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.057	232	227970	32.008	ng/ul	89
59) Diethylphthalate	15.251	149	1105666	31.473	ng/ul	97
61) Fluorene	15.475	166	950108	30.487	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.463	204	435612	30.353	ng/ul	90
63) 4-Nitroaniline	15.493	138	246839	37.453	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.557	198	193654	33.630	ng/ul	97
67) N-Nitrosodiphenylamine	15.681	169	871618	31.008	ng/ul	98
68) 4-Bromophenyl-phenylether	16.357	248	268604	31.457	ng/ul#	91
69) Hexachlorobenzene	16.481	284	306825	31.260	ng/ul#	92
70) Atrazine	16.634	200	318442	32.468	ng/ul	95
71) Pentachlorophenol	16.822	266	193630	31.673	ng/ul	98
72) Phenanthrene	17.204	178	1623846	31.382	ng/ul	99
74) Anthracene	17.298	178	1618975	31.116	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.222	216	379933	28.936	ng/uL	100
76) Pentachlorobenzene	14.746	250	366407	31.575	ng/uL	94
77) Carbazole	17.569	167	1529834	32.319	ng/ul	95
78) Di-n-butylphthalate	18.139	149	1937769	33.014	ng/ul	100
80) Fluoranthene	19.222	202	1856728	33.158	ng/ul	96
82) Pyrene	19.586	202	1907860	33.210	ng/ul#	94
83) Butylbenzylphthalate	20.492	149	920793	35.615	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.275	252	515778	31.576	ng/ul#	95
85) Benzo(a)anthracene	21.339	228	1657433	30.690	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.280	149	1302401	35.703	ng/ul	100
87) Chrysene	21.392	228	1641244	31.064	ng/ul	99
89) Di-n-octyl phthalate	22.175	149	2314733	37.233	ng/ul	100
90) Benzo(b)fluoranthene	22.969	252	1555368m	32.444	ng/ul	
91) Benzo(k)fluoranthene	23.016	252	1487614	32.598	ng/ul	97
93) Benzo(a)pyrene	23.569	252	1443259	31.102	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.045	276	1534914	32.149	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.057	278	1314848	32.243	ng/ul	98
96) Benzo(g,h,i)perylene	26.774	276	1331093	33.014	ng/ul#	95

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

