

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061722\
 Data File : BN020245.D
 Acq On : 17 Jun 2022 18:36
 Operator : CG/JU
 Sample : PB145580BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS580

Quant Time: Jun 17 22:57:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 17 22:53:31 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/18/2022
 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	203000	20.000	ng/u1	0.00
20) Naphthalene-d8	10.581	136	1007181	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.422	164	651475	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.163	188	1333068	20.000	ng/u1	0.00
79) Chrysene-d12	21.357	240	1050454	20.000	ng/u1	0.00
88) Perylene-d12	23.663	264	859043	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	23011	4.910	ng/uL	0.00
4) Pyridine-d5	3.658	84	330803	25.823	ng/u1	0.00
7) Phenol-d5	6.981	99	498817	29.696	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	292162	27.839	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	405251	29.692	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	435876	29.992	ng/u1	0.00
21) Nitrobenzene-d5	8.946	128	209598	27.354	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	235473	28.957	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	410386	28.908	ng/u1	0.00
31) 4-Chloroaniline-d4	10.716	131	580458	25.249	ng/u1	0.00
46) Dimethylphthalate-d6	13.840	166	1256271	26.502	ng/u1	0.01
49) Acenaphthylene-d8	14.116	160	1482172	26.962	ng/u1	0.00
54) 4-Nitrophenol-d4	14.657	143	241541	25.429	ng/u1	0.00
60) Fluorene-d10	15.416	176	1048042	26.718	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.540	200	227377	29.446	ng/u1	0.00
73) Anthracene-d10	17.263	188	1568258	26.956	ng/u1	0.00
81) Pyrene-d10	19.557	212	1735991	30.484	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.522	264	1199292	28.533	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	48030	9.707	ng/uL#	89
5) Pyridine	3.681	79	352365	26.238	ng/u1	96
6) Benzaldehyde	6.928	77	294790	37.245	ng/u1	96
8) Phenol	7.011	94	545508	30.498	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.216	93	397305	28.380	ng/u1	97
12) 2-Chlorophenol	7.364	128	423242	29.667	ng/u1	99
13) 2-Methylphenol	8.252	108	413758	30.090	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.328	45	624842	28.463	ng/u1	98
16) Acetophenone	8.611	105	648827	29.357	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.605	70	327008	28.964	ng/u1	93
18) 4-Methylphenol	8.581	108	464069	30.578	ng/u1	97
19) Hexachloroethane	8.869	117	158331	27.582	ng/u1	94
22) Nitrobenzene	8.987	77	485407	27.322	ng/u1	97
23) Isophorone	9.516	82	946631	26.986	ng/u1	98
25) 2-Nitrophenol	9.699	139	254617	28.336	ng/u1	99
26) 2,4-Dimethylphenol	9.775	107	501672	26.948	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.999	93	575741	26.820	ng/u1	98
29) 2,4-Dichlorophenol	10.246	162	428000	29.146	ng/u1	99
30) Naphthalene	10.634	128	1382069	26.477	ng/u1	100
32) 4-Chloroaniline	10.740	127	580256	25.235	ng/u1	99
33) Hexachlorobutadiene	10.928	225	217549	25.804	ng/u1	99
34) Caprolactam	11.504	113	160611m	28.008	ng/u1	
35) 4-Chloro-3-methylphenol	11.893	107	527626	30.429	ng/u1	99
36) 2-Methylnaphthalene	12.246	142	971059	27.517	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061722\
 Data File : BN020245.D
 Acq On : 17 Jun 2022 18:36
 Operator : CG/JU
 Sample : PB145580BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS580

Quant Time: Jun 17 22:57:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 17 22:53:31 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/18/2022
 Supervised By :mohammad ahmed 06/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.463	142	990402	27.502	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.616	216	440213	26.494	ng/ul	98
40) Hexachlorocyclopentadiene	12.599	237	227665	22.525	ng/ul	98
41) 2,4,6-Trichlorophenol	12.863	196	340204	29.694	ng/ul	94
42) 2,4,5-Trichlorophenol	12.951	196	365882	28.835	ng/ul	98
43) 1,1'-Biphenyl	13.257	154	1303688	27.025	ng/ul	99
44) 2-Chloronaphthalene	13.299	162	987186	26.975	ng/ul	97
45) 2-Nitroaniline	13.504	65	342819	30.111	ng/ul	94
47) Dimethylphthalate	13.881	163	1285326	26.935	ng/ul	99
48) 2,6-Dinitrotoluene	14.004	165	278006	29.797	ng/ul	94
50) Acenaphthylene	14.146	152	1658806	27.255	ng/ul	100
51) 3-Nitroaniline	14.328	138	292610	29.666	ng/ul	95
52) Acenaphthene	14.487	153	1053630	26.503	ng/ul	98
53) 2,4-Dinitrophenol	14.540	184	165461	27.699	ng/ul	97
55) 4-Nitrophenol	14.675	109	204714	25.248	ng/ul	95
56) Dibenzofuran	14.822	168	1511095	26.980	ng/ul	97
57) 2,4-Dinitrotoluene	14.793	165	409431	29.638	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.057	232	282563	28.369	ng/ul	94
59) Diethylphthalate	15.251	149	1321157	26.891	ng/ul	97
61) Fluorene	15.469	166	1162235	26.667	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.469	204	537124	26.761	ng/ul	93
63) 4-Nitroaniline	15.493	138	296097	32.126	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.557	198	232505	29.698	ng/ul	99
67) N-Nitrosodiphenylamine	15.681	169	1067798	27.941	ng/ul	97
68) 4-Bromophenyl-phenylether	16.357	248	328748	28.318	ng/ul#	89
69) Hexachlorobenzene	16.481	284	373014	27.953	ng/ul#	92
70) Atrazine	16.634	200	384787	28.857	ng/ul	94
71) Pentachlorophenol	16.822	266	227238	27.340	ng/ul	96
72) Phenanthrene	17.204	178	1909830	27.147	ng/ul	98
74) Anthracene	17.298	178	1879567	26.570	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.222	216	479306	26.850	ng/ul	99
76) Pentachlorobenzene	14.746	250	436161	27.645	ng/ul	98
77) Carbazole	17.569	167	1817773	28.246	ng/ul	97
78) Di-n-butylphthalate	18.139	149	2297194	28.787	ng/ul	99
80) Fluoranthene	19.222	202	2183271	31.744	ng/ul	96
82) Pyrene	19.586	202	2158893	30.596	ng/ul#	94
83) Butylbenzylphthalate	20.492	149	1072163	33.763	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.269	252	558252	27.824	ng/ul#	95
85) Benzo(a)anthracene	21.339	228	1837599	27.703	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.275	149	1498152	33.437	ng/ul	97
87) Chrysene	21.392	228	1777630	27.392	ng/ul	99
89) Di-n-octyl phthalate	22.175	149	2674567	38.253	ng/ul	100
90) Benzo(b)fluoranthene	22.969	252	1691783	31.379	ng/ul#	95
91) Benzo(k)fluoranthene	23.016	252	1526870	29.750	ng/ul	94
93) Benzo(a)pyrene	23.569	252	1506886	28.874	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.045	276	1493545	27.816	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.057	278	1345015	29.327	ng/ul	97
96) Benzo(g,h,i)perylene	26.774	276	1340468	29.562	ng/ul#	94

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

