

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
 Data File : BN022696.D
 Acq On : 16 Nov 2022 20:40
 Operator : CG/JU
 Sample : PB149001BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS001

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/17/2022
 Supervised By :mohammad ahmed 11/18/2022

Quant Time: Nov 16 21:39:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 15 22:53:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	78443	20.000	ng/u1	0.00
20) Naphthalene-d8	10.698	136	349299	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.557	164	211693	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.316	188	426571	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	384107	20.000	ng/u1	0.00
88) Perylene-d12	23.956	264	351827	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	15470	6.733	ng/uL	0.00
4) Pyridine-d5	3.628	84	195084	30.024	ng/u1	0.00
7) Phenol-d5	7.046	99	273072	36.858	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.204	67	164162	36.956	ng/u1	0.00
11) 2-Chlorophenol-d4	7.398	132	205370	37.851	ng/u1	0.00
15) 4-Methylphenol-d8	8.610	113	218195	37.305	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	102539	37.925	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	114952	38.104	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	198136	38.525	ng/u1	0.00
31) 4-Chloroaniline-d4	10.851	131	243777	31.118	ng/u1	0.00
46) Dimethylphthalate-d6	13.975	166	591181	38.394	ng/u1	0.00
49) Acenaphthylene-d8	14.251	160	653643	38.527	ng/u1	0.00
54) 4-Nitrophenol-d4	14.792	143	115442	37.609	ng/u1	0.00
60) Fluorene-d10	15.557	176	475651	37.665	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	96218	35.487	ng/u1	0.00
73) Anthracene-d10	17.421	188	738012	39.511	ng/u1	0.00
81) Pyrene-d10	19.727	212	807034	40.543	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.798	264	711665	40.239	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	28144	11.511	ng/uL#	91
5) Pyridine	3.646	79	199105	30.905	ng/u1	96
6) Benzaldehyde	7.010	77	164844	43.978	ng/u1	99
8) Phenol	7.075	94	261834	33.933	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.298	93	199314	33.149	ng/u1	96
12) 2-Chlorophenol	7.434	128	199528	34.440	ng/u1	99
13) 2-Methylphenol	8.334	108	195545	34.046	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.416	45	265572	33.460	ng/u1	99
16) Acetophenone	8.716	105	313204	33.550	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.704	70	168806	33.928	ng/u1	98
18) 4-Methylphenol	8.675	108	214802	34.442	ng/u1	98
19) Hexachloroethane	8.951	117	83756	34.146	ng/u1	94
22) Nitrobenzene	9.098	77	253032	34.543	ng/u1	100
23) Isophorone	9.634	82	473680	33.806	ng/u1	99
25) 2-Nitrophenol	9.816	139	116301	35.065	ng/u1	98
26) 2,4-Dimethylphenol	9.881	107	242301	34.057	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.116	93	274887	34.020	ng/u1	98
29) 2,4-Dichlorophenol	10.351	162	180597	34.549	ng/u1	96
30) Naphthalene	10.751	128	624858	33.704	ng/u1	99
32) 4-Chloroaniline	10.875	127	269720	32.968	ng/u1	98
33) Hexachlorobutadiene	11.028	225	112389	34.930	ng/u1	98
34) Caprolactam	11.675	113	67776m	34.177	ng/u1	
35) 4-Chloro-3-methylphenol	12.016	107	235010	34.471	ng/u1	99
36) 2-Methylnaphthalene	12.369	142	430719	34.103	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
 Data File : BN022696.D
 Acq On : 16 Nov 2022 20:40
 Operator : CG/JU
 Sample : PB149001BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS001

Quant Time: Nov 16 21:39:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 15 22:53:43 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/17/2022
 Supervised By :mohammad ahmed 11/18/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.592	142	427016	33.727	ng/u1	97
39) 1,2,4,5-Tetrachloroben...	12.739	216	202028	35.555	ng/u1	97
40) Hexachlorocyclopentadiene	12.710	237	106158	32.000	ng/u1	99
41) 2,4,6-Trichlorophenol	12.992	196	143275	35.514	ng/u1	100
42) 2,4,5-Trichlorophenol	13.069	196	153977	36.042	ng/u1	97
43) 1,1'-Biphenyl	13.386	154	544496	35.041	ng/u1	97
44) 2-Chloronaphthalene	13.433	162	426013	35.184	ng/u1	97
45) 2-Nitroaniline	13.651	65	160136	36.418	ng/u1	98
47) Dimethylphthalate	14.022	163	570809	35.270	ng/u1	98
48) 2,6-Dinitrotoluene	14.151	165	118417	36.147	ng/u1	99
50) Acenaphthylene	14.280	152	666259	35.153	ng/u1	99
51) 3-Nitroaniline	14.480	138	130089	36.880	ng/u1	99
52) Acenaphthene	14.622	153	475365	35.351	ng/u1	97
53) 2,4-Dinitrophenol	14.692	184	60622	26.479	ng/u1	99
55) 4-Nitrophenol	14.804	109	105399	34.640	ng/u1	97
56) Dibenzofuran	14.963	168	627452	35.314	ng/u1	100
57) 2,4-Dinitrotoluene	14.939	165	172937	36.250	ng/u1	96
58) 2,3,4,6-Tetrachlorophenol	15.192	232	127865	34.946	ng/u1	98
59) Diethylphthalate	15.386	149	601290	35.054	ng/u1	99
61) Fluorene	15.610	166	522863	35.239	ng/u1	97
62) 4-Chlorophenyl-phenyle...	15.604	204	245294	35.071	ng/u1	94
63) 4-Nitroaniline	15.651	138	128596	40.880	ng/u1	97
66) 4,6-Dinitro-2-methylph...	15.704	198	91068	32.494	ng/u1	96
67) N-Nitrosodiphenylamine	15.827	169	450050	35.238	ng/u1	97
68) 4-Bromophenyl-phenylether	16.504	248	151634	36.098	ng/u1	97
69) Hexachlorobenzene	16.616	284	176460	35.936	ng/u1	93
70) Atrazine	16.786	200	157786	34.659	ng/u1	98
71) Pentachlorophenol	16.969	266	106117	34.013	ng/u1	98
72) Phenanthrene	17.363	178	818272	35.589	ng/u1	98
74) Anthracene	17.457	178	822433	35.314	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.351	216	200803	35.696	ng/uL	97
76) Pentachlorobenzene	14.875	250	196062	32.294	ng/uL	97
77) Carbazole	17.733	167	756786	34.974	ng/u1	98
78) Di-n-butylphthalate	18.292	149	1037921	33.703	ng/u1	100
80) Fluoranthene	19.386	202	924374	37.207	ng/u1	97
82) Pyrene	19.757	202	938568	36.880	ng/u1	99
83) Butylbenzylphthalate	20.657	149	458243	35.374	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.445	252	304996	35.987	ng/u1	99
85) Benzo(a)anthracene	21.509	228	882751	34.802	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.433	149	661557	34.600	ng/u1#	98
87) Chrysene	21.562	228	843424	35.113	ng/u1	98
89) Di-n-octyl phthalate	22.362	149	1150002	37.166	ng/u1	100
90) Benzo(b)fluoranthene	23.209	252	875610	36.724	ng/u1	99
91) Benzo(k)fluoranthene	23.262	252	815611	36.038	ng/u1	98
93) Benzo(a)pyrene	23.851	252	720321	35.642	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.509	276	801511	34.872	ng/u1	97
95) Dibenzo(a,h)anthracene	26.527	278	708344	34.385	ng/u1	97
96) Benzo(g,h,i)perylene	27.292	276	681079	33.985	ng/u1	98

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

