

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120624\
 Data File : BN035450.D
 Acq On : 06 Dec 2024 06:44
 Operator : RC/JU
 Sample : PB165400BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS400

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/07/2024
 Supervised By :mohammad ahmed 12/13/2024

Quant Time: Dec 06 07:30:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN120224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 02 18:25:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.299	152	109773	20.000	ng/u1	0.00
20) Naphthalene-d8	10.046	136	482837	20.000	ng/u1	0.00
38) Acenaphthene-d10	13.957	164	368468	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.728	188	796448	20.000	ng/u1	0.00
79) Chrysene-d12	20.980	240	764400	20.000	ng/u1	0.00
88) Perylene-d12	23.651	264	884401	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.958	96	11368	4.893	ng/uL	0.00
4) Pyridine-d5	3.334	84	172719	28.205	ng/u1	0.00
7) Phenol-d5	6.499	99	230074	29.421	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.658	67	123460	28.309	ng/u1	0.00
11) 2-Chlorophenol-d4	6.840	132	190699	28.777	ng/u1	0.00
15) 4-Methylphenol-d8	8.016	113	198556	29.135	ng/u1	0.00
21) Nitrobenzene-d5	8.440	128	92424	29.463	ng/u1	0.00
24) 2-Nitrophenol-d4	9.146	143	110632	30.469	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.681	165	229298	28.894	ng/u1	0.00
31) 4-Chloroaniline-d4	10.199	131	243954	24.896	ng/u1	0.00
46) Dimethylphthalate-d6	13.393	166	729737	27.582	ng/u1	0.00
49) Acenaphthylene-d8	13.646	160	793676	27.239	ng/u1	0.00
54) 4-Nitrophenol-d4	14.198	143	134590	30.893	ng/u1	0.00
60) Fluorene-d10	14.969	176	611437	26.761	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.104	200	132787	31.613	ng/u1	0.00
73) Anthracene-d10	16.828	188	949927	27.042	ng/u1	0.00
81) Pyrene-d10	19.145	212	1152680	28.551	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.469	264	1253119	29.261	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.993	88	24452	9.387	ng/uL#	98
5) Pyridine	3.352	79	174861	28.476	ng/u1	100
6) Benzaldehyde	6.458	77	33451	7.930	ng/u1	96
8) Phenol	6.528	94	236610	29.214	ng/u1	98
10) Bis(2-Chloroethyl)ether	6.746	93	178518	28.154	ng/u1	98
12) 2-Chlorophenol	6.869	128	195654	28.370	ng/u1	98
13) 2-Methylphenol	7.752	108	182710	29.054	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	7.822	45	139812	27.898	ng/u1	99
16) Acetophenone	8.111	105	302979	28.151	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.111	70	143592	28.063	ng/u1	99
18) 4-Methylphenol	8.081	108	208170	29.791	ng/u1	95
19) Hexachloroethane	8.352	117	79273	26.905	ng/u1	91
22) Nitrobenzene	8.481	77	224574	28.501	ng/u1	99
23) Isophorone	9.005	82	427105	27.050	ng/u1	98
25) 2-Nitrophenol	9.181	139	119064	28.943	ng/u1	99
26) 2,4-Dimethylphenol	9.258	107	214772	26.047	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.493	93	256433	26.661	ng/u1	98
29) 2,4-Dichlorophenol	9.710	162	225753	28.114	ng/u1	99
30) Naphthalene	10.099	128	640210	26.090	ng/u1	99
32) 4-Chloroaniline	10.222	127	119756	12.758	ng/u1	100
33) Hexachlorobutadiene	10.393	225	147495	26.027	ng/u1	97
34) Caprolactam	10.999	113	67361m	29.033	ng/u1	
35) 4-Chloro-3-methylphenol	11.363	107	234415	28.025	ng/u1	96
36) 2-Methylnaphthalene	11.722	142	485385	26.563	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120624\
 Data File : BN035450.D
 Acq On : 06 Dec 2024 06:44
 Operator : RC/JU
 Sample : PB165400BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS400

Quant Time: Dec 06 07:30:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN120224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 02 18:25:21 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/07/2024
 Supervised By :mohammad ahmed 12/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	11.951	142	479516	25.598	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.110	216	289913	26.698	ng/ul	97
40) Hexachlorocyclopentadiene	12.093	237	144438	26.477	ng/ul	96
41) 2,4,6-Trichlorophenol	12.363	196	193108	27.423	ng/ul	96
42) 2,4,5-Trichlorophenol	12.434	196	221870	28.279	ng/ul	98
43) 1,1'-Biphenyl	12.775	154	671485	26.406	ng/ul	96
44) 2-Chloronaphthalene	12.810	162	534346	26.270	ng/ul	98
45) 2-Nitroaniline	13.034	65	129478	32.388	ng/ul	93
47) Dimethylphthalate	13.440	163	722366	27.292	ng/ul	99
48) 2,6-Dinitrotoluene	13.551	165	143351	32.495	ng/ul	97
50) Acenaphthylene	13.675	152	812055	26.221	ng/ul	99
51) 3-Nitroaniline	13.881	138	113468	24.835	ng/ul	99
52) Acenaphthene	14.022	153	593607	26.631	ng/ul	95
53) 2,4-Dinitrophenol	14.093	184	95442	30.973	ng/ul	94
55) 4-Nitrophenol	14.216	109	122758	29.834	ng/ul	95
56) Dibenzofuran	14.369	168	843914	26.627	ng/ul	99
57) 2,4-Dinitrotoluene	14.351	165	217958	31.135	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.604	232	184408	26.981	ng/ul#	98
59) Diethylphthalate	14.834	149	713753	27.592	ng/ul	99
61) Fluorene	15.022	166	658319	25.784	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.034	204	330977	25.371	ng/ul	96
63) 4-Nitroaniline	15.063	138	140171m	31.634	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.122	198	143448	31.520	ng/ul#	98
67) N-Nitrosodiphenylamine	15.251	169	573603	27.109	ng/ul	100
68) 4-Bromophenyl-phenylether	15.928	248	218581	27.138	ng/ul	98
69) Hexachlorobenzene	16.034	284	265937	27.814	ng/ul	99
71) Pentachlorophenol	16.381	266	165209	27.216	ng/ul	89
72) Phenanthrene	16.769	178	1079604	26.328	ng/ul	100
74) Anthracene	16.857	178	1084811	26.202	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.734	216	292594	27.708	ng/uL	99
76) Pentachlorobenzene	14.287	250	306699	28.213	ng/uL	98
77) Carbazole	17.139	167	1010453	29.329	ng/ul	100
78) Di-n-butylphthalate	17.739	149	1177616	29.364	ng/ul	99
80) Fluoranthene	18.810	202	1335705	28.189	ng/ul	98
82) Pyrene	19.175	202	1401960	27.589	ng/ul	99
83) Butylbenzylphthalate	20.128	149	460860	32.178	ng/ul	99
84) 3,3'-Dichlorobenzidine	20.904	252	241910	17.750	ng/ul	97
85) Benzo(a)anthracene	20.963	228	1374735	26.789	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	20.939	149	709428	31.415	ng/ul	97
87) Chrysene	21.016	228	1335370	27.007	ng/ul	98
89) Di-n-octyl phthalate	21.963	149	1270065	31.592	ng/ul	100
90) Benzo(b)fluoranthene	22.816	252	1440122	28.250	ng/ul	99
91) Benzo(k)fluoranthene	22.874	252	1412806	27.065	ng/ul	98
93) Benzo(a)pyrene	23.527	252	1325967	27.714	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.598	276	1578812	27.664	ng/ul	98
95) Dibenzo(a,h)anthracene	26.651	278	1270184	27.469	ng/ul	99
96) Benzo(g,h,i)perylene	27.504	276	1188036	27.427	ng/ul	100

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

