

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022124\
 Data File : BN029931.D
 Acq On : 22 Feb 2024 16:51
 Operator : MA/JU
 Sample : PB159066BS
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS066

Quant Time: Feb 22 17:59:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 21 22:34:54 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/23/2024
 Supervised By :mohammad ahmed 02/24/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	124444	20.000	ng/u1	0.00
20) Naphthalene-d8	10.651	136	526616	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.498	164	282837	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.251	188	587171	20.000	ng/u1	0.00
79) Chrysene-d12	21.456	240	516517	20.000	ng/u1	0.00
88) Perylene-d12	23.815	264	553084	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	28232	7.462	ng/uL	0.00
4) Pyridine-d5	3.722	84	395293	39.177	ng/u1	0.00
7) Phenol-d5	7.028	99	478235	41.086	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.204	67	304828	39.240	ng/u1	0.00
11) 2-Chlorophenol-d4	7.387	132	363423	43.086	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	361105	41.598	ng/u1	0.00
21) Nitrobenzene-d5	9.022	128	172671	42.247	ng/u1	0.00
24) 2-Nitrophenol-d4	9.739	143	176300	49.527	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	313242	44.582	ng/u1	0.00
31) 4-Chloroaniline-d4	10.798	131	443484	36.998	ng/u1	0.00
46) Dimethylphthalate-d6	13.927	166	895269	42.516	ng/u1	0.00
49) Acenaphthylene-d8	14.192	160	1063200	42.516	ng/u1	0.00
54) 4-Nitrophenol-d4	14.710	143	166976	41.779	ng/u1	0.00
60) Fluorene-d10	15.498	176	785456	43.846	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.627	200	125336	43.808	ng/u1	0.00
73) Anthracene-d10	17.351	188	1160365	42.167	ng/u1	0.00
81) Pyrene-d10	19.651	212	1291847	41.677	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.668	264	1196028	43.216	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.346	88	60882	15.536	ng/uL	97
5) Pyridine	3.746	79	406401	38.933	ng/u1	95
6) Benzaldehyde	7.004	77	248654	47.656	ng/u1	99
8) Phenol	7.051	94	497725	41.722	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.293	93	403387	40.213	ng/u1	99
12) 2-Chlorophenol	7.416	128	387600	43.798	ng/u1	98
13) 2-Methylphenol	8.304	108	358090	41.597	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.398	45	531930m	40.602	ng/u1	
16) Acetophenone	8.687	105	584772	42.325	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.675	70	316353	44.351	ng/u1	98
18) 4-Methylphenol	8.634	108	383998	42.213	ng/u1	99
19) Hexachloroethane	8.922	117	169182	41.196	ng/u1	95
22) Nitrobenzene	9.069	77	483334	41.736	ng/u1	98
23) Isophorone	9.592	82	834005	41.345	ng/u1	100
25) 2-Nitrophenol	9.775	139	196985	48.460	ng/u1	99
26) 2,4-Dimethylphenol	9.834	107	373118	38.300	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.081	93	515223	40.190	ng/u1	99
29) 2,4-Dichlorophenol	10.304	162	323014	44.491	ng/u1	97
30) Naphthalene	10.704	128	1208862	40.161	ng/u1	99
32) 4-Chloroaniline	10.828	127	382210	32.300	ng/u1	98
33) Hexachlorobutadiene	10.975	225	192327	42.923	ng/u1	97
34) Caprolactam	11.610	113	105403m	43.629	ng/u1	
35) 4-Chloro-3-methylphenol	11.951	107	375002	44.718	ng/u1	99
36) 2-Methylnaphthalene	12.316	142	774810	41.991	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022124\
 Data File : BN029931.D
 Acq On : 22 Feb 2024 16:51
 Operator : MA/JU
 Sample : PB159066BS
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS066

Quant Time: Feb 22 17:59:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 21 22:34:54 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/23/2024
 Supervised By :mohammad ahmed 02/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.539	142	763478	41.735	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.686	216	358631	42.777	ng/ul	97
40) Hexachlorocyclopentadiene	12.657	237	182862	33.369	ng/ul	99
41) 2,4,6-Trichlorophenol	12.933	196	223274	46.205	ng/ul	98
42) 2,4,5-Trichlorophenol	12.998	196	245184	45.156	ng/ul	98
43) 1,1'-Biphenyl	13.333	154	988560	41.444	ng/ul	98
44) 2-Chloronaphthalene	13.375	162	769663	41.517	ng/ul	96
45) 2-Nitroaniline	13.592	65	258537	47.435	ng/ul	94
47) Dimethylphthalate	13.975	163	949982	44.072	ng/ul	98
48) 2,6-Dinitrotoluene	14.098	165	185589	48.116	ng/ul	96
50) Acenaphthylene	14.222	152	1256951	41.881	ng/ul	99
51) 3-Nitroaniline	14.422	138	198620	44.245	ng/ul	99
52) Acenaphthene	14.563	153	812341	40.975	ng/ul	98
53) 2,4-Dinitrophenol	14.627	184	79745	40.739	ng/ul	99
55) 4-Nitrophenol	14.727	109	157605	43.126	ng/ul	94
56) Dibenzofuran	14.904	168	1105940	42.244	ng/ul	99
57) 2,4-Dinitrotoluene	14.880	165	274855	50.613	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.127	232	187526	48.663	ng/ul	94
59) Diethylphthalate	15.339	149	986244	44.542	ng/ul	99
61) Fluorene	15.551	166	902971	43.636	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.551	204	416611	45.012	ng/ul	95
63) 4-Nitroaniline	15.586	138	213931m	52.801	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.639	198	138938	44.049	ng/ul	98
67) N-Nitrosodiphenylamine	15.769	169	758259	41.441	ng/ul	98
68) 4-Bromophenyl-phenylether	16.451	248	243936	43.892	ng/ul	87
69) Hexachlorobenzene	16.545	284	280763	44.820	ng/ul	99
70) Atrazine	16.733	200	161671	28.281	ng/ul	98
71) Pentachlorophenol	16.898	266	159519	43.849	ng/ul	95
72) Phenanthrene	17.298	178	1420623	41.826	ng/ul	99
74) Anthracene	17.386	178	1445180	42.396	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.292	216	347683	40.352	ng/uL	94
76) Pentachlorobenzene	14.810	250	322652	41.820	ng/uL	95
77) Carbazole	17.668	167	1332588	42.801	ng/ul	99
78) Di-n-butylphthalate	18.239	149	1735246	46.348	ng/ul	99
80) Fluoranthene	19.315	202	1624799	43.152	ng/ul	98
82) Pyrene	19.686	202	1709637	42.920	ng/ul#	93
83) Butylbenzylphthalate	20.604	149	789575	48.637	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.380	252	422832	42.264	ng/ul	100
85) Benzo(a)anthracene	21.439	228	1613067	42.512	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.392	149	1214953	48.383	ng/ul	99
87) Chrysene	21.498	228	1542504	43.378	ng/ul	96
89) Di-n-octyl phthalate	22.315	149	2035984	47.490	ng/ul	100
90) Benzo(b)fluoranthene	23.103	252	1598241	45.877	ng/ul	95
91) Benzo(k)fluoranthene	23.156	252	1556681	43.657	ng/ul	95
93) Benzo(a)pyrene	23.715	252	1475581	44.167	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.262	276	1722334	42.336	ng/ul	96
95) Dibenzo(a,h)anthracene	26.286	278	1412934	42.542	ng/ul	96
96) Benzo(g,h,i)perylene	27.009	276	1392292	40.918	ng/ul	94

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

