

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
 Data File : BN023941.D
 Acq On : 03 Feb 2023 13:56
 Operator : CG/JU
 Sample : 01316-03MSD
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A44G7MSD

Quant Time: Feb 03 21:51:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 02 02:10:45 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2023
 Supervised By :mohammad ahmed 02/06/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	154295	20.000	ng/ul	0.00
20) Naphthalene-d8	10.657	136	632985	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.504	164	395771	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	822128	20.000	ng/ul	0.00
79) Chrysene-d12	21.439	240	610918	20.000	ng/ul	-0.01
88) Perylene-d12	23.816	264	598394	20.000	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	17320	4.530	ng/uL	0.00
4) Pyridine-d5	3.664	84	101334	9.487	ng/ul	0.00
7) Phenol-d5	7.016	99	98323	7.297	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	275310	32.331	ng/ul	0.00
11) 2-Chlorophenol-d4	7.375	132	262741	24.939	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	176292	16.494	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	176985	34.462	ng/ul	0.00
24) 2-Nitrophenol-d4	9.740	143	183052	31.326	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	327859	30.048	ng/ul	0.00
31) 4-Chloroaniline-d4	10.805	131	361500	24.286	ng/ul	0.00
46) Dimethylphthalate-d6	13.916	166	1183341	37.451	ng/ul	0.00
49) Acenaphthylene-d8	14.198	160	1239184	36.254	ng/ul	0.00
54) 4-Nitrophenol-d4	14.710	143	41244	7.200	ng/ul	0.00
60) Fluorene-d10	15.498	176	961095	36.283	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	201319	34.605	ng/ul	0.00
73) Anthracene-d10	17.351	188	1453866	37.985	ng/ul	0.00
81) Pyrene-d10	19.645	212	1602085	43.194	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.663	264	1216554	39.171	ng/ul	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.276	88	21421	5.440	ng/uL#	83
5) Pyridine	3.687	79	108332	10.093	ng/ul	95
6) Benzaldehyde	6.987	77	284218	48.511	ng/ul	99
8) Phenol	7.046	94	105122	7.761	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.275	93	353863	32.066	ng/ul	99
12) 2-Chlorophenol	7.411	128	266521	24.999	ng/ul	98
13) 2-Methylphenol	8.299	108	201426	19.599	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.381	45	450256	31.951	ng/ul	99
16) Acetophenone	8.681	105	546325	33.003	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.669	70	298145	32.809	ng/ul	97
18) 4-Methylphenol	8.634	108	191593	17.211	ng/ul	98
19) Hexachloroethane	8.928	117	132818	29.746	ng/ul	97
22) Nitrobenzene	9.063	77	440193	34.143	ng/ul	100
23) Isophorone	9.593	82	822822	33.814	ng/ul	99
25) 2-Nitrophenol	9.775	139	188851	31.122	ng/ul	99
26) 2,4-Dimethylphenol	9.834	107	312813	26.031	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.075	93	493993	33.229	ng/ul	98
29) 2,4-Dichlorophenol	10.305	162	318011	30.203	ng/ul	98
30) Naphthalene	10.710	128	1128687	32.925	ng/ul	99
32) 4-Chloroaniline	10.828	127	371075	25.048	ng/ul	98
33) Hexachlorobutadiene	10.987	225	237416	32.179	ng/ul	99
34) Caprolactam	11.622	113	13216m	4.017	ng/ul	
35) 4-Chloro-3-methylphenol	11.951	107	314166	27.837	ng/ul	97
36) 2-Methylnaphthalene	12.322	142	778738	33.433	ng/ul	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
 Data File : BN023941.D
 Acq On : 03 Feb 2023 13:56
 Operator : CG/JU
 Sample : 01316-03MSD
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A44G7MSD

Quant Time: Feb 03 21:51:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 02 02:10:45 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/06/2023
 Supervised By :mohammad ahmed 02/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.540	142	805290	33.793	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.693	216	474400	34.886	ng/ul	99
40) Hexachlorocyclopentadiene	12.663	237	266796	27.251	ng/ul	93
41) 2,4,6-Trichlorophenol	12.934	196	301031	33.551	ng/ul	100
42) 2,4,5-Trichlorophenol	13.004	196	329322	33.886	ng/ul	97
43) 1,1'-Biphenyl	13.334	154	1082694	34.715	ng/ul	99
44) 2-Chloronaphthalene	13.381	162	844406	34.797	ng/ul	99
45) 2-Nitroaniline	13.593	65	267187	36.669	ng/ul	95
47) Dimethylphthalate	13.969	163	1151666	36.726	ng/ul	100
48) 2,6-Dinitrotoluene	14.093	165	240616	38.702	ng/ul	96
50) Acenaphthylene	14.222	152	1303980	35.520	ng/ul	98
51) 3-Nitroaniline	14.416	138	193705	34.612	ng/ul	97
52) Acenaphthene	14.569	153	897814	35.230	ng/ul	99
53) 2,4-Dinitrophenol	14.622	184	128439	29.387	ng/ul	97
55) 4-Nitrophenol	14.722	109	38325	7.870	ng/ul	95
56) Dibenzofuran	14.904	168	1308203	35.984	ng/ul	99
57) 2,4-Dinitrotoluene	14.875	165	338610	38.495	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.128	232	298520	34.443	ng/ul	93
59) Diethylphthalate	15.328	149	1142996	36.683	ng/ul	99
61) Fluorene	15.551	166	1047957	35.248	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.545	204	557542	35.746	ng/ul	98
63) 4-Nitroaniline	15.587	138	204675m	40.295	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.640	198	197576	35.274	ng/ul	97
67) N-Nitrosodiphenylamine	15.763	169	920989	38.797	ng/ul	97
68) 4-Bromophenyl-phenylether	16.439	248	368632	38.285	ng/ul	95
69) Hexachlorobenzene	16.551	284	429460	38.607	ng/ul	94
70) Atrazine	16.722	200	343990	36.065	ng/ul	98
71) Pentachlorophenol	16.898	266	240971	33.833	ng/ul	100
72) Phenanthrene	17.292	178	1683334	38.018	ng/ul	99
74) Anthracene	17.387	178	1671204	37.869	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.299	216	481586	38.074	ng/ul	98
76) Pentachlorobenzene	14.822	250	495739	39.301	ng/ul	96
77) Carbazole	17.663	167	1420905	36.743	ng/ul	100
78) Di-n-butylphthalate	18.222	149	1864109	22.489	ng/ul	99
80) Fluoranthene	19.310	202	1842194	42.545	ng/ul	100
82) Pyrene	19.675	202	1843700	41.862	ng/ul	98
83) Butylbenzylphthalate	20.575	149	733175	39.915	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.357	252	398517	27.774	ng/ul	94
85) Benzo(a)anthracene	21.422	228	1628719	38.471	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.345	149	1068699	39.438	ng/ul	97
87) Chrysene	21.475	228	1536017	39.320	ng/ul	97
89) Di-n-octyl phthalate	22.269	149	1640007	36.436	ng/ul	100
90) Benzo(b)fluoranthene	23.092	252	1522860	36.901	ng/ul	100
91) Benzo(k)fluoranthene	23.139	252	1517027	38.926	ng/ul	99
93) Benzo(a)pyrene	23.716	252	1343632	38.698	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.292	276	1768224	42.204	ng/ul	97
95) Dibenzo(a,h)anthracene	26.304	278	1474767	42.560	ng/ul	98
96) Benzo(g,h,i)perylene	27.051	276	1425583	43.212	ng/ul	99

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

