

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032923\
 Data File : BN024630.D
 Acq On : 30 Mar 2023 03:38
 Operator : CG/JU
 Sample : PB151642BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS642

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 03/30/2023
 Supervised By :Jagrut Upadhyay 03/30/2023

Quant Time: Mar 30 04:17:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032923.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 30 03:30:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	350857	20.000	ng/u1	0.00
20) Naphthalene-d8	10.816	136	1579979	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.640	164	979744	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.387	188	2108492	20.000	ng/u1	0.00
79) Chrysene-d12	21.569	240	1929327	20.000	ng/u1	0.00
88) Perylene-d12	24.057	264	2035586	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	53508	5.913	ng/uL	0.00
4) Pyridine-d5	3.793	84	722513	27.650	ng/u1	0.00
7) Phenol-d5	7.158	99	1065738	32.097	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.322	67	667359	31.124	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	792117	32.178	ng/u1	0.00
15) 4-Methylphenol-d8	8.711	113	825328	31.080	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	394751	31.570	ng/u1	0.00
24) 2-Nitrophenol-d4	9.893	143	437461	32.322	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	790249	32.147	ng/u1	0.00
31) 4-Chloroaniline-d4	10.952	131	1000917	26.685	ng/u1	0.00
46) Dimethylphthalate-d6	14.046	166	2332368	30.957	ng/u1	0.00
49) Acenaphthylene-d8	14.334	160	2700850	31.482	ng/u1	0.00
54) 4-Nitrophenol-d4	14.834	143	495967	31.452	ng/u1	0.00
60) Fluorene-d10	15.634	176	2026385	31.347	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	429990	30.962	ng/u1	0.00
73) Anthracene-d10	17.487	188	3143896	31.702	ng/u1	0.00
81) Pyrene-d10	19.775	212	3579780	32.090	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.904	264	3480494	33.744	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	111744	11.460	ng/uL	99
5) Pyridine	3.817	79	786528	28.917	ng/u1	94
6) Benzaldehyde	7.134	77	447182	29.507	ng/u1	99
8) Phenol	7.181	94	1094081	31.743	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.417	93	837255	30.806	ng/u1	97
12) 2-Chlorophenol	7.558	128	801524	31.209	ng/u1	99
13) 2-Methylphenol	8.446	108	799191	31.050	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.534	45	1506395	31.201	ng/u1	99
16) Acetophenone	8.828	105	1283948	30.974	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.816	70	678007	31.079	ng/u1	98
18) 4-Methylphenol	8.775	108	882247	30.874	ng/u1	100
19) Hexachloroethane	9.087	117	317128	31.264	ng/u1	91
22) Nitrobenzene	9.211	77	1005643	30.963	ng/u1	99
23) Isophorone	9.740	82	1875128	31.060	ng/u1	99
25) 2-Nitrophenol	9.922	139	470931	32.005	ng/u1	99
26) 2,4-Dimethylphenol	9.981	107	898603	29.401	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.222	93	1158300	29.898	ng/u1	99
29) 2,4-Dichlorophenol	10.458	162	786481	31.543	ng/u1	98
30) Naphthalene	10.869	128	2660032	30.299	ng/u1	99
32) 4-Chloroaniline	10.975	127	914529	24.077	ng/u1	98
33) Hexachlorobutadiene	11.152	225	433015	30.155	ng/u1	98
34) Caprolactam	11.752	113	263213m	30.524	ng/u1	
35) 4-Chloro-3-methylphenol	12.093	107	903723	31.702	ng/u1	98
36) 2-Methylnaphthalene	12.469	142	1799330	30.613	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032923\
 Data File : BN024630.D
 Acq On : 30 Mar 2023 03:38
 Operator : CG/JU
 Sample : PB151642BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS642

Quant Time: Mar 30 04:17:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032923.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 30 03:30:09 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/30/2023
 Supervised By : Jagrut Upadhyay 03/30/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.687	142	1821235	31.273	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.840	216	878183	30.238	ng/u1	96
40) Hexachlorocyclopentadiene	12.816	237	499654	27.339	ng/u1	97
41) 2,4,6-Trichlorophenol	13.075	196	584964	30.232	ng/u1	99
42) 2,4,5-Trichlorophenol	13.146	196	666809	31.356	ng/u1	99
43) 1,1'-Biphenyl	13.475	154	2387871	30.676	ng/u1	98
44) 2-Chloronaphthalene	13.516	162	1868843	30.754	ng/u1	98
45) 2-Nitroaniline	13.722	65	640409	33.919	ng/u1	96
47) Dimethylphthalate	14.093	163	2348902	30.701	ng/u1	99
48) 2,6-Dinitrotoluene	14.216	165	483794	33.383	ng/u1	97
50) Acenaphthylene	14.363	152	2944926	31.353	ng/u1	99
51) 3-Nitroaniline	14.546	138	499417	32.421	ng/u1	100
52) Acenaphthene	14.704	153	2011249	30.728	ng/u1	94
53) 2,4-Dinitrophenol	14.746	184	304109	30.893	ng/u1	95
55) 4-Nitrophenol	14.851	109	384116	31.838	ng/u1	97
56) Dibenzofuran	15.040	168	2836039	31.138	ng/u1	98
57) 2,4-Dinitrotoluene	14.998	165	721436	33.980	ng/u1	96
58) 2,3,4,6-Tetrachlorophenol	15.263	232	499706	28.197	ng/u1	95
59) Diethylphthalate	15.457	149	2359604	31.517	ng/u1	99
61) Fluorene	15.687	166	2310118	31.634	ng/u1	98
62) 4-Chlorophenyl-phenyle...	15.675	204	1055458	30.461	ng/u1	97
63) 4-Nitroaniline	15.710	138	565764	37.282	ng/u1	99
66) 4,6-Dinitro-2-methylph...	15.763	198	428539	31.204	ng/u1	98
67) N-Nitrosodiphenylamine	15.893	169	1960495	31.093	ng/u1	96
68) 4-Bromophenyl-phenylether	16.575	248	664998	31.599	ng/u1	96
69) Hexachlorobenzene	16.692	284	768884	31.045	ng/u1	96
70) Atrazine	16.840	200	244201	11.336	ng/u1	99
71) Pentachlorophenol	17.034	266	404201	26.698	ng/u1	95
72) Phenanthrene	17.428	178	3682707	31.169	ng/u1	99
74) Anthracene	17.522	178	3685294	31.048	ng/u1	97
75) 1,2,3,4-Tetrachloroben...	13.440	216	903573	29.975	ng/uL	99
76) Pentachlorobenzene	14.957	250	868322	29.654	ng/uL	94
77) Carbazole	17.792	167	3489583	32.697	ng/u1	99
78) Di-n-butylphthalate	18.345	149	3951437	32.673	ng/u1	100
80) Fluoranthene	19.439	202	4249354	32.121	ng/u1	99
82) Pyrene	19.804	202	4392031	31.493	ng/u1	99
83) Butylbenzylphthalate	20.692	149	1792088	33.749	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.486	252	1291274	28.632	ng/u1	95
85) Benzo(a)anthracene	21.551	228	4204551	30.850	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.469	149	2510030	33.902	ng/u1	100
87) Chrysene	21.610	228	4002684	31.038	ng/u1	99
89) Di-n-octyl phthalate	22.427	149	4456367	36.139	ng/u1	100
90) Benzo(b)fluoranthene	23.292	252	4334187	32.517	ng/u1	95
91) Benzo(k)fluoranthene	23.345	252	4098031	32.205	ng/u1	99
93) Benzo(a)pyrene	23.951	252	3805865	32.607	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.657	276	4406633	29.626	ng/u1	100
95) Dibenzo(a,h)anthracene	26.674	278	3678095	29.817	ng/u1	99
96) Benzo(g,h,i)perylene	27.468	276	3569898	28.886	ng/u1	98

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

