

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111423\
 Data File : BN028627.D
 Acq On : 15 Nov 2023 11:52
 Operator : MA/JU
 Sample : PB156980BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS980

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/16/2023
 Supervised By :mohammad ahmed 11/16/2023

Quant Time: Nov 15 14:39:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 14 04:50:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	226100	20.000	ng/u1	0.00
20) Naphthalene-d8	10.487	136	1244364	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.340	164	810332	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.092	188	1620086	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1238432	20.000	ng/u1	-0.01
88) Perylene-d12	23.598	264	1220138	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	38762	6.138	ng/uL	0.00
4) Pyridine-d5	3.558	84	436726	31.548	ng/u1	0.00
7) Phenol-d5	6.875	99	691539	32.016	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.040	67	402875	30.155	ng/u1	0.00
11) 2-Chlorophenol-d4	7.228	132	603816	31.987	ng/u1	0.00
15) 4-Methylphenol-d8	8.416	113	561788	31.585	ng/u1	-0.01
21) Nitrobenzene-d5	8.857	128	285066	25.515	ng/u1	0.00
24) 2-Nitrophenol-d4	9.575	143	285441	24.406	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	572352	28.782	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.634	131	755287	25.062	ng/u1	-0.01
46) Dimethylphthalate-d6	13.763	166	1976371	27.050	ng/u1	0.00
49) Acenaphthylene-d8	14.034	160	2232204	26.507	ng/u1	0.00
54) 4-Nitrophenol-d4	14.569	143	227332	29.360	ng/u1	-0.02
60) Fluorene-d10	15.339	176	1591564	26.421	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	277146	30.796	ng/u1	0.00
73) Anthracene-d10	17.186	188	2369763	26.204	ng/u1	-0.01
81) Pyrene-d10	19.492	212	2578256	27.449	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.451	264	2089553	27.356	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	83759	12.420	ng/uL	99
5) Pyridine	3.575	79	461677	32.255	ng/u1	95
6) Benzaldehyde	6.846	77	190862	18.740	ng/u1	99
8) Phenol	6.905	94	724333	33.708	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.128	93	547830	30.037	ng/u1	97
12) 2-Chlorophenol	7.258	128	609666	32.461	ng/u1	97
13) 2-Methylphenol	8.146	108	514310	29.869	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.222	45	992117	35.236	ng/u1	99
16) Acetophenone	8.522	105	891473	30.484	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.510	70	495305	32.474	ng/u1	99
18) 4-Methylphenol	8.481	108	578057	31.263	ng/u1	97
19) Hexachloroethane	8.763	117	283705	32.887	ng/u1	99
22) Nitrobenzene	8.899	77	632280	26.443	ng/u1	98
23) Isophorone	9.416	82	1494898	28.037	ng/u1	100
25) 2-Nitrophenol	9.604	139	307319	24.984	ng/u1	100
26) 2,4-Dimethylphenol	9.675	107	574434	23.832	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.916	93	806023	26.176	ng/u1	99
29) 2,4-Dichlorophenol	10.140	162	561350	28.530	ng/u1	98
30) Naphthalene	10.534	128	2141178	26.873	ng/u1	100
32) 4-Chloroaniline	10.657	127	640512	22.670	ng/u1	100
33) Hexachlorobutadiene	10.816	225	407135	27.613	ng/u1	98
34) Caprolactam	11.428	113	194799	29.255	ng/u1	90
35) 4-Chloro-3-methylphenol	11.793	107	636258	29.648	ng/u1	97
36) 2-Methylnaphthalene	12.151	142	1454182	27.564	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111423\
 Data File : BN028627.D
 Acq On : 15 Nov 2023 11:52
 Operator : MA/JU
 Sample : PB156980BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS980

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/16/2023
 Supervised By :mohammad ahmed 11/16/2023

Quant Time: Nov 15 14:39:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 14 04:50:19 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.375	142	1461097	26.808	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.522	216	757093	27.500	ng/ul	95
40) Hexachlorocyclopentadiene	12.504	237	407885	29.421	ng/ul	97
41) 2,4,6-Trichlorophenol	12.769	196	463632	28.730	ng/ul	98
42) 2,4,5-Trichlorophenol	12.845	196	548104m	28.430	ng/ul	
43) 1,1'-Biphenyl	13.175	154	1897578	26.568	ng/ul	97
44) 2-Chloronaphthalene	13.216	162	1512457	26.542	ng/ul	97
45) 2-Nitroaniline	13.434	65	382605	26.287	ng/ul	99
47) Dimethylphthalate	13.810	163	2009828	27.746	ng/ul	99
48) 2,6-Dinitrotoluene	13.928	165	405386	28.342	ng/ul	98
50) Acenaphthylene	14.063	152	2637812	27.806	ng/ul	99
51) 3-Nitroaniline	14.269	138	262378	18.713	ng/ul	98
52) Acenaphthene	14.404	153	1706226	27.331	ng/ul	99
53) 2,4-Dinitrophenol	14.469	184	103584	29.556	ng/ul#	75
55) 4-Nitrophenol	14.581	109	156184	30.840	ng/ul	96
56) Dibenzofuran	14.740	168	2301395	27.629	ng/ul	99
57) 2,4-Dinitrotoluene	14.716	165	565633	28.768	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.969	232	454767	29.304	ng/ul	96
59) Diethylphthalate	15.181	149	2085426	28.156	ng/ul	98
61) Fluorene	15.392	166	1890581	27.230	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.392	204	894320	26.618	ng/ul	99
63) 4-Nitroaniline	15.439	138	278901m	20.775	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.481	198	301498	32.064	ng/ul#	93
67) N-Nitrosodiphenylamine	15.610	169	1554863	27.838	ng/ul	99
68) 4-Bromophenyl-phenylether	16.287	248	532484	27.511	ng/ul	99
69) Hexachlorobenzene	16.392	284	642174	28.251	ng/ul	97
70) Atrazine	16.569	200	533336	31.177	ng/ul	97
71) Pentachlorophenol	16.739	266	360470	31.617	ng/ul	91
72) Phenanthrene	17.134	178	2865414	28.221	ng/ul	100
74) Anthracene	17.222	178	2901991	27.366	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.134	216	771022	27.812	ng/ul	98
76) Pentachlorobenzene	14.657	250	782125	28.790	ng/ul	96
77) Carbazole	17.504	167	2448494	28.185	ng/ul	99
78) Di-n-butylphthalate	18.075	149	3359420	28.947	ng/ul	99
80) Fluoranthene	19.157	202	3127983	28.464	ng/ul	99
82) Pyrene	19.522	202	3243790	28.619	ng/ul	98
83) Butylbenzylphthalate	20.445	149	1347983	28.481	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.227	252	754826	26.762	ng/ul	96
85) Benzo(a)anthracene	21.286	228	2789940	28.578	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.233	149	1921356	28.876	ng/ul	99
87) Chrysene	21.339	228	2763922	27.371	ng/ul	100
89) Di-n-octyl phthalate	22.133	149	3113762	29.574	ng/ul	100
90) Benzo(b)fluoranthene	22.904	252	2587810	29.327	ng/ul	98
91) Benzo(k)fluoranthene	22.951	252	2659422	26.866	ng/ul	99
93) Benzo(a)pyrene	23.498	252	2446013	27.858	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.957	276	2913211	28.390	ng/ul	99
95) Dibenzo(a,h)anthracene	25.980	278	2348318	27.759	ng/ul	97
96) Benzo(g,h,i)perylene	26.686	276	2367223	29.236	ng/ul	99

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

