

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042223\
 Data File : BN025103.D
 Acq On : 23 Apr 2023 07:49
 Operator : CG/JU
 Sample : PB152282BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS282

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/24/2023
 Supervised By : Jagrut Upadhyay 04/24/2023

Quant Time: Apr 24 00:42:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Apr 23 01:54:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	320074	20.000	ng/u1	0.00
20) Naphthalene-d8	10.728	136	1422815	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.563	164	917810	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.310	188	2005280	20.000	ng/u1	0.00
79) Chrysene-d12	21.510	240	1990247	20.000	ng/u1	0.00
88) Perylene-d12	23.951	264	2359658	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	47621	5.663	ng/uL	0.00
4) Pyridine-d5	3.716	84	680214	27.012	ng/u1	0.00
7) Phenol-d5	7.075	99	962352	30.839	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.246	67	647532	31.024	ng/u1	0.00
11) 2-Chlorophenol-d4	7.440	132	728594	31.771	ng/u1	0.00
15) 4-Methylphenol-d8	8.634	113	777012	31.365	ng/u1	0.00
21) Nitrobenzene-d5	9.087	128	368891	32.021	ng/u1	0.00
24) 2-Nitrophenol-d4	9.810	143	418315	33.523	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.346	165	741929	33.265	ng/u1	0.00
31) 4-Chloroaniline-d4	10.869	131	1055559	31.186	ng/u1	0.00
46) Dimethylphthalate-d6	13.975	166	2353410	33.077	ng/u1	0.00
49) Acenaphthylene-d8	14.257	160	2673633	32.792	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	488813	33.515	ng/u1	0.00
60) Fluorene-d10	15.557	176	1964515	32.702	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	432725	33.158	ng/u1	0.00
73) Anthracene-d10	17.410	188	3139403	33.334	ng/u1	0.00
81) Pyrene-d10	19.704	212	3717368	32.165	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.798	264	3974953	32.217	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	94886	10.455	ng/uL	96
5) Pyridine	3.734	79	689372	26.497	ng/u1	96
6) Benzaldehyde	7.052	77	546983	35.875	ng/u1	98
8) Phenol	7.105	94	972573	29.927	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.340	93	768071	30.104	ng/u1	97
12) 2-Chlorophenol	7.475	128	714415	29.828	ng/u1	98
13) 2-Methylphenol	8.363	108	722452	30.279	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.446	45	1502082	29.982	ng/u1	99
16) Acetophenone	8.746	105	1199519	30.622	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.734	70	655045	31.003	ng/u1	99
18) 4-Methylphenol	8.693	108	802956	30.262	ng/u1	94
19) Hexachloroethane	8.999	117	289802	29.980	ng/u1	93
22) Nitrobenzene	9.128	77	955650	30.871	ng/u1	99
23) Isophorone	9.651	82	1815592	31.951	ng/u1	99
25) 2-Nitrophenol	9.840	139	431886	32.085	ng/u1	98
26) 2,4-Dimethylphenol	9.898	107	851230	30.036	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.140	93	1104151	31.223	ng/u1	100
29) 2,4-Dichlorophenol	10.375	162	718649	32.105	ng/u1	98
30) Naphthalene	10.775	128	2435135	30.645	ng/u1	99
32) 4-Chloroaniline	10.893	127	962756	28.098	ng/u1	99
33) Hexachlorobutadiene	11.063	225	414558	31.774	ng/u1	97
34) Caprolactam	11.669	113	246284m	31.391	ng/u1	
35) 4-Chloro-3-methylphenol	12.016	107	861969	32.842	ng/u1	99
36) 2-Methylnaphthalene	12.387	142	1661887	31.645	ng/u1	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042223\
 Data File : BN025103.D
 Acq On : 23 Apr 2023 07:49
 Operator : CG/JU
 Sample : PB152282BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SLCS282

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 04/24/2023
 Supervised By : Jagrut Upadhyay 04/24/2023

Quant Time: Apr 24 00:42:40 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M

Quant Title : SVOA CALIBRATION

QLast Update : Sun Apr 23 01:54:00 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.604	142	1688437	32.207	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.757	216	830570	31.024	ng/ul	99
40) Hexachlorocyclopentadiene	12.734	237	451796	27.675	ng/ul	100
41) 2,4,6-Trichlorophenol	12.998	196	579102	31.659	ng/ul	98
42) 2,4,5-Trichlorophenol	13.069	196	646602	32.302	ng/ul	98
43) 1,1'-Biphenyl	13.398	154	2231286	30.513	ng/ul	99
44) 2-Chloronaphthalene	13.439	162	1730446	30.476	ng/ul	99
45) 2-Nitroaniline	13.645	65	642267	32.393	ng/ul	98
47) Dimethylphthalate	14.022	163	2305027	32.198	ng/ul	100
48) 2,6-Dinitrotoluene	14.145	165	472629	33.823	ng/ul	97
50) Acenaphthylene	14.287	152	2789995	31.155	ng/ul	100
51) 3-Nitroaniline	14.475	138	510413	34.759	ng/ul	96
52) Acenaphthene	14.628	153	1906447	30.793	ng/ul	98
53) 2,4-Dinitrophenol	14.681	184	285408	31.767	ng/ul	98
55) 4-Nitrophenol	14.781	109	394758	33.255	ng/ul	96
56) Dibenzofuran	14.963	168	2654210	31.103	ng/ul	97
57) 2,4-Dinitrotoluene	14.934	165	712736	35.237	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.186	232	548242	33.261	ng/ul	99
59) Diethylphthalate	15.386	149	2405545	33.440	ng/ul	99
61) Fluorene	15.610	166	2213613	32.250	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.604	204	1037976	32.489	ng/ul	97
63) 4-Nitroaniline	15.639	138	556046	38.425	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.692	198	421331	32.959	ng/ul	98
67) N-Nitrosodiphenylamine	15.822	169	1920906	31.575	ng/ul	98
68) 4-Bromophenyl-phenylether	16.498	248	665080	32.996	ng/ul	96
69) Hexachlorobenzene	16.616	284	737617	32.322	ng/ul	100
70) Atrazine	16.775	200	587728	28.392	ng/ul	96
71) Pentachlorophenol	16.957	266	476704	33.607	ng/ul	94
72) Phenanthrene	17.357	178	3593820	31.759	ng/ul	98
74) Anthracene	17.445	178	3638995	31.913	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.363	216	856865	30.042	ng/ul	99
76) Pentachlorobenzene	14.881	250	863436	31.641	ng/ul	96
77) Carbazole	17.716	167	3423408	33.250	ng/ul	99
78) Di-n-butylphthalate	18.275	149	4382208	35.859	ng/ul	99
80) Fluoranthene	19.369	202	4288936	30.964	ng/ul	99
82) Pyrene	19.733	202	4483258	30.750	ng/ul	99
83) Butylbenzylphthalate	20.633	149	2081795	34.393	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.427	252	1606318	35.177	ng/ul#	98
85) Benzo(a)anthracene	21.492	228	4592387	32.128	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.410	149	3178840	35.180	ng/ul	98
87) Chrysene	21.545	228	4272130	31.378	ng/ul	97
89) Di-n-octyl phthalate	22.357	149	5634210	34.745	ng/ul	100
90) Benzo(b)fluoranthene	23.204	252	4880640	31.539	ng/ul	95
91) Benzo(k)fluoranthene	23.251	252	4741125	31.136	ng/ul	98
93) Benzo(a)pyrene	23.851	252	4249734	31.367	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.515	276	5285499m	32.198	ng/ul	
95) Dibenzo(a,h)anthracene	26.521	278	4406715m	32.516	ng/ul	
96) Benzo(g,h,i)perylene	27.286	276	4326892m	32.483	ng/ul	

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

