

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042223\
 Data File : BN025084.D
 Acq On : 22 Apr 2023 19:54
 Operator : CG/JU
 Sample : PB152281BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS281

Quant Time: Apr 23 00:41:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Apr 23 00:37:14 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	215867	20.000	ng/u1	0.00
20) Naphthalene-d8	10.728	136	1016236	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.563	164	663698	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.310	188	1483437	20.000	ng/u1	0.00
79) Chrysene-d12	21.510	240	1555443	20.000	ng/u1	0.00
88) Perylene-d12	23.951	264	1782268	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	26502	4.673	ng/uL	0.00
4) Pyridine-d5	3.716	84	423433	24.932	ng/u1	0.00
7) Phenol-d5	7.075	99	589096	27.991	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.246	67	393064	27.923	ng/u1	0.00
11) 2-Chlorophenol-d4	7.446	132	438902	28.378	ng/u1	0.00
15) 4-Methylphenol-d8	8.628	113	476413	28.515	ng/u1	0.00
21) Nitrobenzene-d5	9.087	128	218196	26.518	ng/u1	0.00
24) 2-Nitrophenol-d4	9.810	143	246427	27.649	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.346	165	456104	28.631	ng/u1	0.00
31) 4-Chloroaniline-d4	10.869	131	449978	18.613	ng/u1	0.00
46) Dimethylphthalate-d6	13.975	166	1523251	29.606	ng/u1	0.00
49) Acenaphthylene-d8	14.257	160	1674636	28.403	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	318290	30.179	ng/u1	0.00
60) Fluorene-d10	15.557	176	1275414	29.360	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	278163	28.813	ng/u1	0.00
73) Anthracene-d10	17.410	188	2016413	28.942	ng/u1	0.00
81) Pyrene-d10	19.704	212	2490968	27.579	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.792	264	2763644	29.656	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	61003	9.967	ng/uL	98
5) Pyridine	3.734	79	543106	30.952	ng/u1	96
6) Benzaldehyde	7.052	77	153629	14.940	ng/u1	99
8) Phenol	7.105	94	630622	28.772	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.340	93	486244	28.258	ng/u1	99
12) 2-Chlorophenol	7.475	128	453713	28.088	ng/u1	100
13) 2-Methylphenol	8.363	108	462365	28.733	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.452	45	973302	28.806	ng/u1	99
16) Acetophenone	8.746	105	764691	28.946	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.728	70	423506	29.720	ng/u1	98
18) 4-Methylphenol	8.693	108	525822	29.384	ng/u1	97
19) Hexachloroethane	8.999	117	176782	27.117	ng/u1	95
22) Nitrobenzene	9.128	77	610685	27.620	ng/u1	99
23) Isophorone	9.651	82	1173417	28.912	ng/u1	99
25) 2-Nitrophenol	9.840	139	274372	28.539	ng/u1	99
26) 2,4-Dimethylphenol	9.899	107	546814	27.014	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.140	93	710927	28.147	ng/u1	100
29) 2,4-Dichlorophenol	10.375	162	459878	28.764	ng/u1	97
30) Naphthalene	10.781	128	1553816	27.377	ng/u1	99
32) 4-Chloroaniline	10.893	127	427586	17.472	ng/u1	98
33) Hexachlorobutadiene	11.057	225	260791	27.985	ng/u1	96
34) Caprolactam	11.669	113	156201m	27.874	ng/u1	
35) 4-Chloro-3-methylphenol	12.016	107	577530	30.808	ng/u1	99
36) 2-Methylnaphthalene	12.387	142	1075073	28.661	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.610	142	1113965	29.750	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.757	216	546822	28.246	ng/ul	95
40) Hexachlorocyclopentadiene	12.734	237	282586	23.938	ng/ul	99
41) 2,4,6-Trichlorophenol	12.998	196	367107	27.753	ng/ul	99
42) 2,4,5-Trichlorophenol	13.069	196	422274	29.172	ng/ul	98
43) 1,1'-Biphenyl	13.398	154	1461154	27.631	ng/ul	99
44) 2-Chloronaphthalene	13.439	162	1156498	28.166	ng/ul	97
45) 2-Nitroaniline	13.651	65	429745	29.973	ng/ul	99
47) Dimethylphthalate	14.022	163	1549129	29.924	ng/ul	100
48) 2,6-Dinitrotoluene	14.145	165	312578	30.934	ng/ul	96
50) Acenaphthylene	14.287	152	1851830	28.596	ng/ul	99
51) 3-Nitroaniline	14.475	138	311086	29.296	ng/ul	100
52) Acenaphthene	14.628	153	1282004	28.635	ng/ul	97
53) 2,4-Dinitrophenol	14.681	184	184565	28.408	ng/ul	95
55) 4-Nitrophenol	14.781	109	269836	31.435	ng/ul	95
56) Dibenzofuran	14.963	168	1806837	29.280	ng/ul	97
57) 2,4-Dinitrotoluene	14.934	165	465254	31.808	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.186	232	344255	28.882	ng/ul	100
59) Diethylphthalate	15.386	149	1616582	31.077	ng/ul	98
61) Fluorene	15.610	166	1519987	30.623	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.604	204	704689	30.502	ng/ul	98
63) 4-Nitroaniline	15.639	138	358457	34.255	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.692	198	285470	30.187	ng/ul	99
67) N-Nitrosodiphenylamine	15.822	169	1292038	28.709	ng/ul	97
68) 4-Bromophenyl-phenylether	16.498	248	441374	29.601	ng/ul	96
69) Hexachlorobenzene	16.616	284	504539	29.886	ng/ul	95
71) Pentachlorophenol	16.963	266	290759	27.709	ng/ul	97
72) Phenanthrene	17.357	178	2480536	29.632	ng/ul	98
74) Anthracene	17.445	178	2450960	29.056	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.363	216	563127	26.689	ng/uL	97
76) Pentachlorobenzene	14.881	250	586362	29.047	ng/uL	93
77) Carbazole	17.722	167	2311358	30.346	ng/ul	99
78) Di-n-butylphthalate	18.280	149	2917274	32.269	ng/ul	99
80) Fluoranthene	19.374	202	2914731	26.926	ng/ul	99
82) Pyrene	19.733	202	3135381	27.517	ng/ul	99
83) Butylbenzylphthalate	20.633	149	1425781	30.139	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.427	252	779491	21.842	ng/ul	98
85) Benzo(a)anthracene	21.492	228	3132116	28.037	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.416	149	2149746	30.441	ng/ul	97
87) Chrysene	21.545	228	3070210	28.854	ng/ul	97
89) Di-n-octyl phthalate	22.351	149	3950491	32.254	ng/ul	100
90) Benzo(b)fluoranthene	23.204	252	3441507	29.444	ng/ul	95
91) Benzo(k)fluoranthene	23.251	252	3407321	29.626	ng/ul	97
93) Benzo(a)pyrene	23.851	252	3124672	30.535	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.509	276	4182190m	33.731	ng/ul	
95) Dibenzo(a,h)anthracene	26.521	278	3429806m	33.507	ng/ul	
96) Benzo(g,h,i)perylene	27.292	276	3434447m	34.136	ng/ul	

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

