

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
 Data File : BN023908.D
 Acq On : 02 Feb 2023 17:04
 Operator : CG/JU
 Sample : PB150578BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS578

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/03/2023
 Supervised By : Jagrut Upadhyay 02/03/2023

Quant Time: Feb 03 01:18:40 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	155529	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	662734	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.504	164	444201	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.257	188	993702	20.000	ng/u1	0.00
79) Chrysene-d12	21.451	240	822346	20.000	ng/u1	0.00
88) Perylene-d12	23.833	264	765016	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	20934	5.432	ng/uL	0.00
4) Pyridine-d5	3.664	84	297562	27.637	ng/u1	0.00
7) Phenol-d5	7.028	99	394139	29.020	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	245200	28.567	ng/u1	0.00
11) 2-Chlorophenol-d4	7.381	132	318513	29.993	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	318760	29.586	ng/u1	0.00
21) Nitrobenzene-d5	9.022	128	157660	29.321	ng/u1	0.00
24) 2-Nitrophenol-d4	9.746	143	181354	29.642	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	346353	30.318	ng/u1	0.00
31) 4-Chloroaniline-d4	10.810	131	422659	27.120	ng/u1	0.00
46) Dimethylphthalate-d6	13.922	166	1066880	30.084	ng/u1	0.00
49) Acenaphthylene-d8	14.198	160	1160030	30.238	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	186270	28.971	ng/u1	0.00
60) Fluorene-d10	15.498	176	883811	29.727	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.628	200	195911	27.861	ng/u1	0.00
73) Anthracene-d10	17.357	188	1365936	29.526	ng/u1	0.00
81) Pyrene-d10	19.651	212	1583537	31.717	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.680	264	1217027	30.651	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.275	88	42203	10.632	ng/uL#	85
5) Pyridine	3.681	79	291125	26.909	ng/u1	96
6) Benzaldehyde	6.993	77	243142	41.171	ng/u1	98
8) Phenol	7.052	94	399445	29.256	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.281	93	316427	28.446	ng/u1	99
12) 2-Chlorophenol	7.416	128	316856	29.485	ng/u1	99
13) 2-Methylphenol	8.305	108	301643	29.118	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.381	45	392860	27.657	ng/u1	100
16) Acetophenone	8.687	105	492966	29.544	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.675	70	268382	29.299	ng/u1	99
18) 4-Methylphenol	8.640	108	335163	29.869	ng/u1	99
19) Hexachloroethane	8.934	117	132953	29.540	ng/u1	98
22) Nitrobenzene	9.069	77	392318	29.064	ng/u1	99
23) Isophorone	9.593	82	748993	29.398	ng/u1	99
25) 2-Nitrophenol	9.781	139	188443	29.660	ng/u1	96
26) 2,4-Dimethylphenol	9.846	107	360219	28.631	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.081	93	452333	29.061	ng/u1	99
29) 2,4-Dichlorophenol	10.316	162	335731	30.455	ng/u1	99
30) Naphthalene	10.710	128	1057064	29.452	ng/u1	99
32) 4-Chloroaniline	10.834	127	419090	27.019	ng/u1	99
33) Hexachlorobutadiene	10.993	225	227719	29.479	ng/u1	98
34) Caprolactam	11.622	113	103545m	30.059	ng/u1	
35) 4-Chloro-3-methylphenol	11.963	107	357504	30.255	ng/u1	99
36) 2-Methylnaphthalene	12.328	142	728718	29.881	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.546	142	738817	29.612	ng/u1	97
39) 1,2,4,5-Tetrachloroben...	12.698	216	446030	29.224	ng/u1	99
40) Hexachlorocyclopentadiene	12.669	237	275406	25.063	ng/u1	99
41) 2,4,6-Trichlorophenol	12.940	196	291937	28.990	ng/u1	98
42) 2,4,5-Trichlorophenol	13.010	196	323636	29.670	ng/u1	98
43) 1,1'-Biphenyl	13.340	154	1012530	28.926	ng/u1	100
44) 2-Chloronaphthalene	13.381	162	803469	29.500	ng/u1	98
45) 2-Nitroaniline	13.593	65	239112	29.238	ng/u1	98
47) Dimethylphthalate	13.969	163	1043091	29.637	ng/u1	100
48) 2,6-Dinitrotoluene	14.093	165	212569	30.463	ng/u1	99
50) Acenaphthylene	14.228	152	1221431	29.644	ng/u1	99
51) 3-Nitroaniline	14.422	138	200840	31.974	ng/u1	91
52) Acenaphthene	14.569	153	843507	29.490	ng/u1	97
53) 2,4-Dinitrophenol	14.628	184	123677	25.213	ng/u1	95
55) 4-Nitrophenol	14.740	109	164939	30.176	ng/u1	94
56) Dibenzofuran	14.904	168	1190798	29.183	ng/u1	96
57) 2,4-Dinitrotoluene	14.881	165	308382	31.236	ng/u1	91
58) 2,3,4,6-Tetrachlorophenol	15.134	232	291114	29.926	ng/u1	96
59) Diethylphthalate	15.334	149	1050200	30.030	ng/u1	98
61) Fluorene	15.557	166	985518	29.533	ng/u1	96
62) 4-Chlorophenyl-phenyle...	15.551	204	519531	29.677	ng/u1	99
63) 4-Nitroaniline	15.587	138	213293m	37.414	ng/u1	
66) 4,6-Dinitro-2-methylph...	15.640	198	191860	28.339	ng/u1	97
67) N-Nitrosodiphenylamine	15.769	169	862772	30.070	ng/u1	98
68) 4-Bromophenyl-phenylether	16.445	248	336721	28.933	ng/u1	94
69) Hexachlorobenzene	16.557	284	396797	29.511	ng/u1	96
70) Atrazine	16.728	200	335250	29.080	ng/u1	99
71) Pentachlorophenol	16.904	266	238078	27.656	ng/u1	98
72) Phenanthrene	17.298	178	1552584	29.010	ng/u1	99
74) Anthracene	17.386	178	1565479	29.348	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.304	216	451927	29.560	ng/uL	98
76) Pentachlorobenzene	14.828	250	436336	28.619	ng/uL	95
77) Carbazole	17.663	167	1407811	30.118	ng/u1	98
78) Di-n-butylphthalate	18.228	149	1780247	17.769	ng/u1	100
80) Fluoranthene	19.316	202	1855971	31.843	ng/u1	99
82) Pyrene	19.680	202	1907641	32.178	ng/u1	99
83) Butylbenzylphthalate	20.580	149	775532	31.366	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.369	252	598660	30.996	ng/u1	94
85) Benzo(a)anthracene	21.433	228	1742892	30.584	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.357	149	1291508	35.407	ng/u1	97
87) Chrysene	21.486	228	1617886	30.768	ng/u1	99
89) Di-n-octyl phthalate	22.280	149	1861688	32.353	ng/u1	100
90) Benzo(b)fluoranthene	23.110	252	1590220	30.140	ng/u1	99
91) Benzo(k)fluoranthene	23.157	252	1577537	31.663	ng/u1	98
93) Benzo(a)pyrene	23.727	252	1347164	30.349	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.304	276	1598013	29.834	ng/u1	97
95) Dibenzo(a,h)anthracene	26.327	278	1334703	30.129	ng/u1	99
96) Benzo(g,h,i)perylene	27.062	276	1270580m	30.125	ng/u1	

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

