

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022522\
 Data File : BN018749.D
 Acq On : 26 Feb 2022 02:36
 Operator : CG/JU
 Sample : PB142930BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS930

Quant Time: Feb 26 03:23:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN021622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 16 16:48:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	190949	20.000	ng/u1	0.00
20) Naphthalene-d8	10.716	136	691859	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.545	164	387377	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.280	188	752586	20.000	ng/u1	0.00
79) Chrysene-d12	21.463	240	750634	20.000	ng/u1	0.00
88) Perylene-d12	23.857	264	784563	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	31046	6.128	ng/uL	0.00
4) Pyridine-d5	3.699	84	396333	28.937	ng/u1	0.00
7) Phenol-d5	7.063	99	485240	30.812	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	295796	30.263	ng/u1	0.00
11) 2-Chlorophenol-d4	7.440	132	390940	31.518	ng/u1	0.00
15) 4-Methylphenol-d8	8.616	113	362448	30.138	ng/u1	0.00
21) Nitrobenzene-d5	9.069	128	174316	32.788	ng/u1	0.00
24) 2-Nitrophenol-d4	9.793	143	185978	32.664	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	343545	31.612	ng/u1	0.00
31) 4-Chloroaniline-d4	10.845	131	401251	27.634	ng/u1	0.00
46) Dimethylphthalate-d6	13.951	166	882337	31.464	ng/u1	0.00
49) Acenaphthylene-d8	14.239	160	1160140	31.932	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	166866	34.243	ng/u1	0.00
60) Fluorene-d10	15.533	176	753889	31.139	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	139258	31.362	ng/u1	0.00
73) Anthracene-d10	17.380	188	1163696	32.315	ng/u1	0.00
81) Pyrene-d10	19.669	212	1358991	30.931	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.704	264	1383541	34.579	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.316	88	63191	11.804	ng/uL	92
5) Pyridine	3.716	79	430057	30.396	ng/u1	98
6) Benzaldehyde	7.040	77	343396	39.428	ng/u1	94
8) Phenol	7.087	94	502600	30.676	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.322	93	393179	29.671	ng/u1	100
12) 2-Chlorophenol	7.469	128	401164	30.532	ng/u1	94
13) 2-Methylphenol	8.346	108	358457	29.967	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.440	45	523120	29.763	ng/u1	99
16) Acetophenone	8.728	105	551438	29.141	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.716	70	273055	29.311	ng/u1#	90
18) 4-Methylphenol	8.675	108	382762	29.716	ng/u1	100
19) Hexachloroethane	8.998	117	167758	29.971	ng/u1	91
22) Nitrobenzene	9.110	77	427032	31.393	ng/u1	95
23) Isophorone	9.634	82	727476	30.611	ng/u1	96
25) 2-Nitrophenol	9.828	139	201249	31.704	ng/u1	93
26) 2,4-Dimethylphenol	9.881	107	408483	30.337	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.122	93	469548	30.197	ng/u1	99
29) 2,4-Dichlorophenol	10.357	162	339725	30.669	ng/u1	99
30) Naphthalene	10.769	128	1146770	30.334	ng/u1	99
32) 4-Chloroaniline	10.869	127	407503	27.114	ng/u1	99
33) Hexachlorobutadiene	11.063	225	237462	29.712	ng/u1	97
34) Caprolactam	11.610	113	95367	32.700	ng/u1	94
35) 4-Chloro-3-methylphenol	11.992	107	345164	30.832	ng/u1	98
36) 2-Methylnaphthalene	12.375	142	743083	29.565	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.592	142	757541	29.768	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.745	216	404885	31.134	ng/ul#	97
40) Hexachlorocyclopentadiene	12.734	237	237822	26.559	ng/ul	97
41) 2,4,6-Trichlorophenol	12.981	196	247375	32.465	ng/ul	98
42) 2,4,5-Trichlorophenol	13.045	196	263817	31.700	ng/ul	98
43) 1,1'-Biphenyl	13.381	154	973490	30.731	ng/ul	98
44) 2-Chloronaphthalene	13.422	162	757064	31.075	ng/ul	94
45) 2-Nitroaniline	13.616	65	211938	34.269	ng/ul	93
47) Dimethylphthalate	13.998	163	884949	30.879	ng/ul	98
48) 2,6-Dinitrotoluene	14.110	165	178746	33.426	ng/ul	98
50) Acenaphthylene	14.263	152	1176989	30.934	ng/ul	100
51) 3-Nitroaniline	14.434	138	176640	35.499	ng/ul	89
52) Acenaphthene	14.610	153	758643	30.778	ng/ul	99
53) 2,4-Dinitrophenol	14.645	184	88973	28.418	ng/ul	92
55) 4-Nitrophenol	14.739	109	144526	32.705	ng/ul	88
56) Dibenzofuran	14.939	168	1076184	30.649	ng/ul	92
57) 2,4-Dinitrotoluene	14.898	165	262776	34.013	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.163	232	206874	32.108	ng/ul#	89
59) Diethylphthalate	15.357	149	856560	30.855	ng/ul	97
61) Fluorene	15.586	166	835712	30.857	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.581	204	420932	30.340	ng/ul	93
63) 4-Nitroaniline	15.598	138	190916	45.591	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.663	198	140307	30.636	ng/ul	97
67) N-Nitrosodiphenylamine	15.792	169	729561	31.292	ng/ul	99
68) 4-Bromophenyl-phenylether	16.475	248	251125	30.191	ng/ul	92
69) Hexachlorobenzene	16.598	284	284926	30.388	ng/ul#	90
70) Atrazine	16.739	200	258838	31.238	ng/ul	100
71) Pentachlorophenol	16.933	266	167226	31.694	ng/ul	94
72) Phenanthrene	17.327	178	1369896	32.234	ng/ul	100
74) Anthracene	17.416	178	1360146	31.873	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.351	216	405356	28.743	ng/ul	97
76) Pentachlorobenzene	14.869	250	362841	30.579	ng/ul	99
77) Carbazole	17.680	167	1220129	33.580	ng/ul	97
78) Di-n-butylphthalate	18.251	149	1354739	32.167	ng/ul	99
80) Fluoranthene	19.339	202	1571698	29.957	ng/ul	100
82) Pyrene	19.698	202	1616035	29.959	ng/ul	98
83) Butylbenzylphthalate	20.592	149	594223	31.720	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.374	252	474748	33.739	ng/ul	98
85) Benzo(a)anthracene	21.445	228	1592502	31.921	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.374	149	872776	31.019	ng/ul#	99
87) Chrysene	21.498	228	1561336	31.625	ng/ul	97
89) Di-n-octyl phthalate	22.298	149	1532543	28.570	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	1729455	32.700	ng/ul	99
91) Benzo(k)fluoranthene	23.174	252	1611558	32.188	ng/ul	96
93) Benzo(a)pyrene	23.751	252	1696373	33.317	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.351	276	1970781	34.591	ng/ul	96
95) Dibenzo(a,h)anthracene	26.362	278	1685012	34.230	ng/ul	99
96) Benzo(g,h,i)perylene	27.109	276	1707324	35.106	ng/ul	97

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

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