

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022522\
 Data File : BN018739.D
 Acq On : 25 Feb 2022 20:05
 Operator : CG/JU
 Sample : PB142908BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS908

Quant Time: Feb 25 22:38:32 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	186253	20.000	ng/u1	0.00
20) Naphthalene-d8	10.716	136	697769	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.545	164	395222	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.286	188	737780	20.000	ng/u1	0.00
79) Chrysene-d12	21.462	240	678515	20.000	ng/u1	0.00
88) Perylene-d12	23.862	264	699934	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	33517	6.783	ng/uL	0.00
4) Pyridine-d5	3.699	84	435113	32.570	ng/u1	0.00
7) Phenol-d5	7.063	99	543206	35.362	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	329015	34.510	ng/u1	0.00
11) 2-Chlorophenol-d4	7.440	132	433200	35.806	ng/u1	0.00
15) 4-Methylphenol-d8	8.616	113	403051	34.359	ng/u1	0.00
21) Nitrobenzene-d5	9.069	128	197406	36.817	ng/u1	0.00
24) 2-Nitrophenol-d4	9.793	143	211494	36.831	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	390595	35.637	ng/u1	0.00
31) 4-Chloroaniline-d4	10.845	131	471183	32.175	ng/u1	0.00
46) Dimethylphthalate-d6	13.951	166	995130	34.782	ng/u1	0.00
49) Acenaphthylene-d8	14.239	160	1301082	35.101	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	182331	36.673	ng/u1	0.00
60) Fluorene-d10	15.533	176	849280	34.382	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	158025	36.303	ng/u1	0.00
73) Anthracene-d10	17.386	188	1265680	35.852	ng/u1	0.00
81) Pyrene-d10	19.674	212	1409661	35.495	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.709	264	1331857	37.312	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.316	88	73740	14.122	ng/uL	96
5) Pyridine	3.716	79	470772	34.112	ng/u1	97
6) Benzaldehyde	7.040	77	309183	36.395	ng/u1	95
8) Phenol	7.093	94	583182	36.492	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.328	93	460137	35.599	ng/u1	98
12) 2-Chlorophenol	7.469	128	462015	36.050	ng/u1	95
13) 2-Methylphenol	8.351	108	424176	36.355	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.446	45	615672	35.912	ng/u1	98
16) Acetophenone	8.728	105	649047	35.164	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.722	70	323832	35.638	ng/u1#	90
18) 4-Methylphenol	8.681	108	449318	35.763	ng/u1	98
19) Hexachloroethane	8.998	117	190855	34.957	ng/u1	94
22) Nitrobenzene	9.110	77	500539	36.485	ng/u1	95
23) Isophorone	9.640	82	873953	36.463	ng/u1	95
25) 2-Nitrophenol	9.828	139	239966	37.483	ng/u1	95
26) 2,4-Dimethylphenol	9.887	107	466324	34.340	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.122	93	551499	35.167	ng/u1	99
29) 2,4-Dichlorophenol	10.363	162	402841	36.058	ng/u1	99
30) Naphthalene	10.769	128	1340838	35.167	ng/u1	99
32) 4-Chloroaniline	10.869	127	462031	30.481	ng/u1	99
33) Hexachlorobutadiene	11.063	225	274772	34.089	ng/u1	95
34) Caprolactam	11.616	113	111677	37.969	ng/u1	88
35) 4-Chloro-3-methylphenol	11.992	107	416128	36.856	ng/u1	99
36) 2-Methylnaphthalene	12.381	142	869082	34.285	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.598	142	891732	34.745	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.745	216	469532	35.389	ng/ul#	95
40) Hexachlorocyclopentadiene	12.734	237	282412	30.913	ng/ul	97
41) 2,4,6-Trichlorophenol	12.981	196	293445	37.747	ng/ul	98
42) 2,4,5-Trichlorophenol	13.051	196	320873	37.790	ng/ul	95
43) 1,1'-Biphenyl	13.381	154	1140790	35.297	ng/ul	98
44) 2-Chloronaphthalene	13.428	162	884031	35.566	ng/ul	96
45) 2-Nitroaniline	13.616	65	255316	40.464	ng/ul	96
47) Dimethylphthalate	13.998	163	1053311	36.024	ng/ul	99
48) 2,6-Dinitrotoluene	14.116	165	214361	39.290	ng/ul	98
50) Acenaphthylene	14.269	152	1387140	35.734	ng/ul	99
51) 3-Nitroaniline	14.439	138	207416	40.857	ng/ul	89
52) Acenaphthene	14.610	153	885855	35.225	ng/ul	96
53) 2,4-Dinitrophenol	14.645	184	107403	33.624	ng/ul	91
55) 4-Nitrophenol	14.739	109	164832	36.559	ng/ul	89
56) Dibenzofuran	14.945	168	1263040	35.257	ng/ul	95
57) 2,4-Dinitrotoluene	14.898	165	303501	38.504	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.169	232	248764	37.843	ng/ul	95
59) Diethylphthalate	15.363	149	1015330	35.848	ng/ul	99
61) Fluorene	15.592	166	973437	35.229	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.586	204	482164	34.064	ng/ul	93
63) 4-Nitroaniline	15.598	138	208379	48.773	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.663	198	169349	37.719	ng/ul	96
67) N-Nitrosodiphenylamine	15.792	169	852153	37.284	ng/ul	98
68) 4-Bromophenyl-phenylether	16.475	248	286242	35.104	ng/ul#	85
69) Hexachlorobenzene	16.598	284	332971	36.224	ng/ul#	90
70) Atrazine	16.739	200	263984	32.498	ng/ul	96
71) Pentachlorophenol	16.933	266	185975	35.955	ng/ul	92
72) Phenanthrene	17.327	178	1537730	36.910	ng/ul	98
74) Anthracene	17.422	178	1518932	36.308	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.351	216	476299	34.451	ng/uL	97
76) Pentachlorobenzene	14.869	250	418950	36.017	ng/uL	100
77) Carbazole	17.686	167	1393636	39.125	ng/ul	99
78) Di-n-butylphthalate	18.251	149	1575135	38.151	ng/ul	99
80) Fluoranthene	19.339	202	1735866	36.603	ng/ul	98
82) Pyrene	19.704	202	1765358	36.205	ng/ul	99
83) Butylbenzylphthalate	20.598	149	651660	38.483	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.380	252	498580	39.199	ng/ul	99
85) Benzo(a)anthracene	21.451	228	1654740	36.694	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.380	149	926611	36.433	ng/ul	98
87) Chrysene	21.504	228	1613099	36.146	ng/ul	98
89) Di-n-octyl phthalate	22.298	149	1578613	32.987	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	1759026	37.281	ng/ul	99
91) Benzo(k)fluoranthene	23.180	252	1608863	36.020	ng/ul	99
93) Benzo(a)pyrene	23.756	252	1698338	37.388	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.356	276	2007802	39.502	ng/ul	95
95) Dibenzo(a,h)anthracene	26.368	278	1693903	38.571	ng/ul	98
96) Benzo(g,h,i)perylene	27.127	276	1726089	39.784	ng/ul	99

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

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