

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
 Data File : BN031648.D
 Acq On : 24 May 2024 01:28
 Operator : MA/JU
 Sample : PB161044BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS044

Quant Time: May 24 01:58:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 23:42:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	490559	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	2006644	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	1037410	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	1668247	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1279632	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	1587529	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	76566	6.186	ng/uL	0.00
4) Pyridine-d5	3.599	84	1087167	31.477	ng/u1	0.00
7) Phenol-d5	6.858	99	1316883	32.611	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	771509	31.854	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	1046945	33.646	ng/u1	0.00
15) 4-Methylphenol-d8	8.393	113	999454	31.971	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	495586	32.633	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	480132	33.108	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	896575	31.619	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	1249570	30.571	ng/u1	0.00
46) Dimethylphthalate-d6	13.745	166	2150047	32.886	ng/u1	0.00
49) Acenaphthylene-d8	14.022	160	2715764	33.143	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	368384	29.780	ng/u1	0.00
60) Fluorene-d10	15.322	176	1747847	30.849	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	207756	28.805	ng/u1	0.00
73) Anthracene-d10	17.169	188	2274601	32.209	ng/u1	0.00
81) Pyrene-d10	19.463	212	2291163	28.545	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.033	264	2432189	32.548	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.234	88	157785	12.099	ng/uL	97
5) Pyridine	3.622	79	1056616	31.084	ng/u1	97
6) Benzaldehyde	6.840	77	768651	37.162	ng/u1	97
8) Phenol	6.881	94	1333748	32.136	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.122	93	1045800	30.365	ng/u1	99
12) 2-Chlorophenol	7.258	128	1037019	31.778	ng/u1	98
13) 2-Methylphenol	8.128	108	970320	31.210	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.216	45	1177491	29.598	ng/u1	99
16) Acetophenone	8.510	105	1512156	31.011	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.499	70	729194	29.108	ng/u1	99
18) 4-Methylphenol	8.457	108	1039390	31.458	ng/u1	99
19) Hexachloroethane	8.763	117	428834	30.756	ng/u1	94
22) Nitrobenzene	8.887	77	1114009	29.944	ng/u1	97
23) Isophorone	9.410	82	2083821	29.446	ng/u1	99
25) 2-Nitrophenol	9.593	139	525046	32.483	ng/u1	98
26) 2,4-Dimethylphenol	9.652	107	899729	27.249	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.893	93	1304278	28.911	ng/u1	100
29) 2,4-Dichlorophenol	10.122	162	887201	31.561	ng/u1	97
30) Naphthalene	10.522	128	3081694	29.841	ng/u1	99
32) 4-Chloroaniline	10.634	127	1145034	28.710	ng/u1	99
33) Hexachlorobutadiene	10.804	225	525421	30.545	ng/u1	98
34) Caprolactam	11.404	113	268967	29.543	ng/u1	98
35) 4-Chloro-3-methylphenol	11.757	107	907478	29.727	ng/u1	97
36) 2-Methylnaphthalene	12.140	142	2006270	29.687	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.357	142	1987918	29.716	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.504	216	953535	32.478	ng/ul	99
40) Hexachlorocyclopentadiene	12.487	237	415835	23.627	ng/ul	100
41) 2,4,6-Trichlorophenol	12.751	196	603655	33.272	ng/ul	94
42) 2,4,5-Trichlorophenol	12.816	196	639887	32.581	ng/ul	96
43) 1,1'-Biphenyl	13.163	154	2437241	32.587	ng/ul	100
44) 2-Chloronaphthalene	13.198	162	1859187	31.394	ng/ul	100
45) 2-Nitroaniline	13.404	65	507558	32.739	ng/ul	99
47) Dimethylphthalate	13.793	163	2063611	30.933	ng/ul	100
48) 2,6-Dinitrotoluene	13.910	165	409494	32.208	ng/ul	99
50) Acenaphthylene	14.051	152	2925139	30.924	ng/ul	99
51) 3-Nitroaniline	14.234	138	460830	31.933	ng/ul	98
52) Acenaphthene	14.392	153	1861255	30.370	ng/ul	94
53) 2,4-Dinitrophenol	14.440	184	147477	25.259	ng/ul	97
55) 4-Nitrophenol	14.540	109	267485	28.698	ng/ul	97
56) Dibenzofuran	14.728	168	2510039	30.679	ng/ul	97
57) 2,4-Dinitrotoluene	14.692	165	540157	31.713	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.951	232	437063	30.635	ng/ul	98
59) Diethylphthalate	15.163	149	1922464	30.583	ng/ul	97
61) Fluorene	15.375	166	1927330	30.073	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.375	204	913726	29.615	ng/ul	92
63) 4-Nitroaniline	15.398	138	438175	33.855	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.457	198	229848	29.059	ng/ul#	91
67) N-Nitrosodiphenylamine	15.592	169	1617006	32.927	ng/ul	98
68) 4-Bromophenyl-phenylether	16.269	248	539037	32.092	ng/ul	93
69) Hexachlorobenzene	16.375	284	564664	31.148	ng/ul	97
70) Atrazine	16.545	200	461122	34.889	ng/ul	99
71) Pentachlorophenol	16.722	266	324730	31.405	ng/ul	93
72) Phenanthrene	17.116	178	2599327	30.702	ng/ul	99
74) Anthracene	17.204	178	2551563	30.038	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.122	216	916298	34.551	ng/ul	96
76) Pentachlorobenzene	14.645	250	794940	33.102	ng/ul	94
77) Carbazole	17.475	167	2355870	32.501	ng/ul	100
78) Di-n-butylphthalate	18.051	149	2711856	32.583	ng/ul	99
80) Fluoranthene	19.133	202	2676982	26.982	ng/ul	98
82) Pyrene	19.492	202	2829613	27.811	ng/ul	98
83) Butylbenzylphthalate	20.404	149	1054781	30.546	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.210	252	780734	31.731	ng/ul	100
85) Benzo(a)anthracene	21.280	228	2685152	31.205	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.216	149	1443672	30.534	ng/ul	100
87) Chrysene	21.345	228	2514823	31.639	ng/ul	96
89) Di-n-octyl phthalate	22.333	149	2471730	27.241	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	2858680	30.857	ng/ul	99
91) Benzo(k)fluoranthene	23.374	252	2795685	29.604	ng/ul	100
93) Benzo(a)pyrene	24.098	252	2457079	27.611	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.539	276	3557273	33.307	ng/ul	99
95) Dibenzo(a,h)anthracene	27.604	278	2864608	32.570	ng/ul	98
96) Benzo(g,h,i)perylene	28.580	276	2793979	31.663	ng/ul	97

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

