

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050124\
 Data File : BN031367.D
 Acq On : 02 May 2024 03:48
 Operator : MA/JU
 Sample : PB160361BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS361

Quant Time: May 02 04:17:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 02 00:07:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	104128	20.000	ng/u1	0.00
20) Naphthalene-d8	10.387	136	646898	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	377825	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.016	188	634816	20.000	ng/u1	0.00
79) Chrysene-d12	21.251	240	683363	20.000	ng/u1	0.00
88) Perylene-d12	24.133	264	716649	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	32050	14.330	ng/uL	0.00
4) Pyridine-d5	3.534	84	318102	49.667	ng/u1	0.00
7) Phenol-d5	6.793	99	423864	50.586	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.957	67	243557	49.644	ng/u1	0.00
11) 2-Chlorophenol-d4	7.146	132	324816	48.456	ng/u1	0.00
15) 4-Methylphenol-d8	8.322	113	331399	47.727	ng/u1	0.00
21) Nitrobenzene-d5	8.769	128	181420	38.914	ng/u1	0.00
24) 2-Nitrophenol-d4	9.481	143	194532	38.770	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	344028	36.922	ng/u1	0.00
31) 4-Chloroaniline-d4	10.534	131	372852	27.612	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	953807	38.292	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	1127656	39.017	ng/u1	0.00
54) 4-Nitrophenol-d4	14.481	143	186493	41.256	ng/u1	0.00
60) Fluorene-d10	15.257	176	692328	32.548	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.392	200	115335	35.330	ng/u1	0.00
73) Anthracene-d10	17.110	188	1205098	45.998	ng/u1	0.00
81) Pyrene-d10	19.416	212	1139938	27.390	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	1315755	39.657	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.164	88	46173	18.968	ng/uL	90
5) Pyridine	3.558	79	332366	51.657	ng/u1	97
6) Benzaldehyde	6.763	77	202755	48.195	ng/u1	94
8) Phenol	6.816	94	425061	49.912	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.046	93	291231	42.244	ng/u1	100
12) 2-Chlorophenol	7.181	128	333361	47.830	ng/u1	95
13) 2-Methylphenol	8.057	108	283306	42.834	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.134	45	370542	40.732	ng/u1	98
16) Acetophenone	8.434	105	515812	49.961	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.422	70	252036	46.497	ng/u1	98
18) 4-Methylphenol	8.387	108	355286	49.078	ng/u1	98
19) Hexachloroethane	8.675	117	154867	54.917	ng/u1	99
22) Nitrobenzene	8.810	77	395789	36.179	ng/u1	100
23) Isophorone	9.334	82	710889	33.301	ng/u1	99
25) 2-Nitrophenol	9.516	139	204570	37.372	ng/u1	97
26) 2,4-Dimethylphenol	9.575	107	312072	30.329	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.816	93	443741	33.048	ng/u1	99
29) 2,4-Dichlorophenol	10.040	162	333994	36.308	ng/u1	96
30) Naphthalene	10.440	128	1132243	35.617	ng/u1	98
32) 4-Chloroaniline	10.557	127	401665	31.068	ng/u1	97
33) Hexachlorobutadiene	10.716	225	198835	36.566	ng/u1	97
34) Caprolactam	11.334	113	78405	23.861	ng/u1	91
35) 4-Chloro-3-methylphenol	11.693	107	319299	30.220	ng/u1	95
36) 2-Methylnaphthalene	12.057	142	747291	33.905	ng/u1	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.281	142	765330	34.327	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.428	216	385552	39.538	ng/ul	94
40) Hexachlorocyclopentadiene	12.404	237	148771	27.255	ng/ul	98
41) 2,4,6-Trichlorophenol	12.681	196	246213	36.726	ng/ul	99
42) 2,4,5-Trichlorophenol	12.751	196	268748	36.757	ng/ul	97
43) 1,1'-Biphenyl	13.087	154	970317	37.811	ng/ul	98
44) 2-Chloronaphthalene	13.128	162	749904	37.001	ng/ul	100
45) 2-Nitroaniline	13.345	65	218609	38.081	ng/ul	99
47) Dimethylphthalate	13.728	163	921352	36.100	ng/ul	100
48) 2,6-Dinitrotoluene	13.851	165	188317	37.815	ng/ul	99
50) Acenaphthylene	13.981	152	1198954	36.454	ng/ul	99
51) 3-Nitroaniline	14.181	138	208954	38.960	ng/ul	93
52) Acenaphthene	14.322	153	786732	36.059	ng/ul	98
53) 2,4-Dinitrophenol	14.392	184	97809	34.368	ng/ul	86
55) 4-Nitrophenol	14.498	109	147182	40.667	ng/ul	98
56) Dibenzofuran	14.663	168	1087865	36.719	ng/ul	99
57) 2,4-Dinitrotoluene	14.639	165	277675	38.019	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.892	232	198316	32.451	ng/ul	96
59) Diethylphthalate	15.092	149	739058	28.732	ng/ul	98
61) Fluorene	15.310	166	753701	31.909	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.310	204	357893	31.410	ng/ul	98
63) 4-Nitroaniline	15.345	138	160484	32.679	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.404	198	129091	36.890	ng/ul	99
67) N-Nitrosodiphenylamine	15.528	169	646619	38.336	ng/ul	96
68) 4-Bromophenyl-phenylether	16.210	248	223309	37.601	ng/ul	96
69) Hexachlorobenzene	16.310	284	251028	36.654	ng/ul	98
70) Atrazine	16.486	200	49775	9.085	ng/ul	95
71) Pentachlorophenol	16.663	266	145309	35.044	ng/ul	95
72) Phenanthrene	17.057	178	1239347	39.449	ng/ul	99
74) Anthracene	17.145	178	1392439	44.321	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.045	216	379532	47.200	ng/uL	96
76) Pentachlorobenzene	14.575	250	357350	45.316	ng/uL	95
77) Carbazole	17.422	167	1302755	47.475	ng/ul	99
78) Di-n-butylphthalate	17.986	149	1627924	45.779	ng/ul	100
80) Fluoranthene	19.080	202	1443901	28.941	ng/ul	100
82) Pyrene	19.445	202	1475690	28.994	ng/ul	99
83) Butylbenzylphthalate	20.357	149	547583	25.752	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.163	252	433180	35.428	ng/ul	99
85) Benzo(a)anthracene	21.233	228	1584865	35.537	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.163	149	945439	33.794	ng/ul	100
87) Chrysene	21.292	228	1554405	37.200	ng/ul	98
89) Di-n-octyl phthalate	22.257	149	1926800	36.287	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	1463876	33.707	ng/ul	94
91) Benzo(k)fluoranthene	23.286	252	1526463	35.739	ng/ul	98
93) Benzo(a)pyrene	24.004	252	1296167	33.368	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.380	276	2019590	45.886	ng/ul	97
95) Dibenzo(a,h)anthracene	27.439	278	1627243	44.507	ng/ul	98
96) Benzo(g,h,i)perylene	28.398	276	1596030	44.957	ng/ul	99

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

