

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041924\
 Data File : BN031053.D
 Acq On : 19 Apr 2024 23:41
 Operator : MA/JU
 Sample : PB160366BS
 Misc :
 ALS Vial : 101 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS366

Quant Time: Apr 20 00:11:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 19 22:56:25 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.639	152	121579	20.000	ng/u1	0.00
20) Naphthalene-d8	10.416	136	575203	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.286	164	405686	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.033	188	913073	20.000	ng/u1	0.00
79) Chrysene-d12	21.268	240	967124	20.000	ng/u1	0.00
88) Perylene-d12	24.174	264	1310759	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	18416	7.077	ng/uL	0.00
4) Pyridine-d5	3.551	84	186893	24.938	ng/u1	0.00
7) Phenol-d5	6.810	99	321330	31.331	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	178643	29.938	ng/u1	0.00
11) 2-Chlorophenol-d4	7.169	132	247345	30.974	ng/u1	0.00
15) 4-Methylphenol-d8	8.345	113	263667	30.570	ng/u1	0.00
21) Nitrobenzene-d5	8.792	128	128256	31.034	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	134085	31.212	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.039	165	261124	30.823	ng/u1	0.00
31) 4-Chloroaniline-d4	10.563	131	312636	23.615	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	882899	31.274	ng/u1	0.00
49) Acenaphthylene-d8	13.974	160	993320	31.050	ng/u1	0.00
54) 4-Nitrophenol-d4	14.498	143	188543	31.998	ng/u1	0.00
60) Fluorene-d10	15.280	176	759207	30.893	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	142177	30.864	ng/u1	0.00
73) Anthracene-d10	17.133	188	1242689	31.400	ng/u1	0.00
81) Pyrene-d10	19.433	212	1534995	32.299	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	1959299	31.522	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	25670	9.308	ng/uL	93
5) Pyridine	3.569	79	213146	28.184	ng/u1	98
6) Benzaldehyde	6.787	77	167407	33.243	ng/u1	97
8) Phenol	6.840	94	323362	30.581	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.069	93	242858	29.109	ng/u1	97
12) 2-Chlorophenol	7.204	128	254432	30.653	ng/u1	96
13) 2-Methylphenol	8.081	108	242096	29.545	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.157	45	311559	28.643	ng/u1	99
16) Acetophenone	8.457	105	392875	29.399	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.445	70	195812	29.397	ng/u1	100
18) 4-Methylphenol	8.404	108	279416	30.442	ng/u1	98
19) Hexachloroethane	8.704	117	97746	28.379	ng/u1	96
22) Nitrobenzene	8.834	77	283855	29.101	ng/u1	100
23) Isophorone	9.357	82	573873	28.830	ng/u1	99
25) 2-Nitrophenol	9.539	139	149625	31.480	ng/u1	97
26) 2,4-Dimethylphenol	9.598	107	273162	28.181	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.839	93	348845	28.852	ng/u1	100
29) 2,4-Dichlorophenol	10.069	162	259603	30.680	ng/u1	98
30) Naphthalene	10.469	128	851989	28.580	ng/u1	98
32) 4-Chloroaniline	10.586	127	343852	26.731	ng/u1	99
33) Hexachlorobutadiene	10.745	225	146240	28.350	ng/u1	99
34) Caprolactam	11.363	113	100020	30.001	ng/u1	95
35) 4-Chloro-3-methylphenol	11.710	107	304503	31.038	ng/u1	96
36) 2-Methylnaphthalene	12.086	142	610721	29.051	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.310	142	622412	29.260	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.457	216	314550	29.631	ng/ul	96
40) Hexachlorocyclopentadiene	12.433	237	142830	24.494	ng/ul	91
41) 2,4,6-Trichlorophenol	12.704	196	211736	29.966	ng/ul	94
42) 2,4,5-Trichlorophenol	12.775	196	241191	30.787	ng/ul	97
43) 1,1'-Biphenyl	13.110	154	813625	29.161	ng/ul	98
44) 2-Chloronaphthalene	13.151	162	640038	28.707	ng/ul	98
45) 2-Nitroaniline	13.369	65	194709	31.634	ng/ul	99
47) Dimethylphthalate	13.745	163	855745	29.383	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	170208	31.134	ng/ul	98
50) Acenaphthylene	14.004	152	1072971	28.713	ng/ul	100
51) 3-Nitroaniline	14.198	138	198920	31.694	ng/ul	97
52) Acenaphthene	14.345	153	708558	28.603	ng/ul	99
53) 2,4-Dinitrophenol	14.404	184	91170	29.489	ng/ul	99
55) 4-Nitrophenol	14.510	109	146085	30.550	ng/ul	96
56) Dibenzofuran	14.686	168	999571	29.184	ng/ul	98
57) 2,4-Dinitrotoluene	14.657	165	262645	31.618	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.910	232	210544	31.097	ng/ul	99
59) Diethylphthalate	15.121	149	886494	29.597	ng/ul	98
61) Fluorene	15.333	166	818620	29.043	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.333	204	390983	29.123	ng/ul	98
63) 4-Nitroaniline	15.368	138	226480	33.469	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.421	198	151787	30.686	ng/ul	94
67) N-Nitrosodiphenylamine	15.551	169	734158	29.998	ng/ul	99
68) 4-Bromophenyl-phenylether	16.227	248	247799	28.697	ng/ul	98
69) Hexachlorobenzene	16.333	284	292218	29.355	ng/ul	98
70) Atrazine	16.510	200	229286	26.685	ng/ul	99
71) Pentachlorophenol	16.680	266	200235	30.959	ng/ul	96
72) Phenanthrene	17.074	178	1398170	28.951	ng/ul	99
74) Anthracene	17.168	178	1381382	28.264	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.069	216	320480	29.924	ng/ul	99
76) Pentachlorobenzene	14.598	250	319326	28.873	ng/ul	97
77) Carbazole	17.445	167	1387850	31.087	ng/ul	100
78) Di-n-butylphthalate	18.010	149	1665495	30.607	ng/ul	100
80) Fluoranthene	19.098	202	1740367	30.942	ng/ul	100
82) Pyrene	19.462	202	1875560	31.737	ng/ul	100
83) Butylbenzylphthalate	20.374	149	839600	32.197	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.186	252	631141	31.319	ng/ul	100
85) Benzo(a)anthracene	21.251	228	1981380	30.170	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.180	149	1221707	31.203	ng/ul	100
87) Chrysene	21.309	228	1875569	30.087	ng/ul	100
89) Di-n-octyl phthalate	22.280	149	2344349	31.029	ng/ul	100
90) Benzo(b)fluoranthene	23.256	252	2243408	30.419	ng/ul	97
91) Benzo(k)fluoranthene	23.315	252	2254972	30.400	ng/ul	97
93) Benzo(a)pyrene	24.039	252	1969613	26.770	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.421	276	2763375	30.267	ng/ul	99
95) Dibenzo(a,h)anthracene	27.485	278	2263501	30.206	ng/ul	96
96) Benzo(g,h,i)perylene	28.444	276	2150971	29.256	ng/ul	97

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

