

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
 Data File : BN031146.D
 Acq On : 23 Apr 2024 07:25
 Operator : MA/JU
 Sample : PB160417BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS417

Quant Time: Apr 23 07:54:21 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	7.628	152	93492	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.410	136	428877	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	291727	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.027	188	660930	20.000	ng/u1	0.00
79) Chrysene-d12	21.268	240	787075	20.000	ng/u1	0.00
88) Perylene-d12	24.162	264	1027067	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	15899	7.945	ng/uL	0.00
4) Pyridine-d5	3.546	84	201639	34.988	ng/u1	0.00
7) Phenol-d5	6.804	99	297414	37.711	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	167035	36.403	ng/u1	0.00
11) 2-Chlorophenol-d4	7.163	132	237302	38.644	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	244626	36.883	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	121318	39.370	ng/u1	0.00
24) 2-Nitrophenol-d4	9.504	143	129325	40.375	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	245746	38.905	ng/u1	0.00
31) 4-Chloroaniline-d4	10.557	131	395617	40.079	ng/u1	0.00
46) Dimethylphthalate-d6	13.692	166	755718	37.226	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	879597	38.236	ng/u1	0.00
54) 4-Nitrophenol-d4	14.492	143	166752	39.355	ng/u1	0.00
60) Fluorene-d10	15.275	176	668594	37.833	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	124605	37.368	ng/u1	0.00
73) Anthracene-d10	17.127	188	1096542	38.278	ng/u1	0.00
81) Pyrene-d10	19.433	212	1433350	37.060	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.968	264	1930140	39.630	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.175	88	25725	12.130	ng/uL	94
5) Pyridine	3.569	79	205121	35.272	ng/u1	98
6) Benzaldehyde	6.781	77	164347	42.440	ng/u1	98
8) Phenol	6.834	94	303959	37.382	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.063	93	224438	34.983	ng/u1	97
12) 2-Chlorophenol	7.193	128	244162	38.253	ng/u1	99
13) 2-Methylphenol	8.075	108	227511	36.106	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.151	45	291715	34.876	ng/u1	99
16) Acetophenone	8.451	105	360397	35.070	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.434	70	175339	34.231	ng/u1	98
18) 4-Methylphenol	8.398	108	254125	36.004	ng/u1	99
19) Hexachloroethane	8.693	117	95973	36.235	ng/u1	92
22) Nitrobenzene	8.828	77	267515	36.783	ng/u1	99
23) Isophorone	9.351	82	515199	34.713	ng/u1	100
25) 2-Nitrophenol	9.534	139	139361	39.325	ng/u1	96
26) 2,4-Dimethylphenol	9.592	107	234730	32.478	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.834	93	313965	34.827	ng/u1	99
29) 2,4-Dichlorophenol	10.057	162	239997	38.040	ng/u1	97
30) Naphthalene	10.457	128	796951	35.855	ng/u1	100
32) 4-Chloroaniline	10.575	127	317241	33.076	ng/u1	99
33) Hexachlorobutadiene	10.734	225	140034	36.409	ng/u1	98
34) Caprolactam	11.357	113	86261	34.702	ng/u1	92
35) 4-Chloro-3-methylphenol	11.704	107	271506	37.117	ng/u1	97
36) 2-Methylnaphthalene	12.081	142	563738	35.966	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.298	142	568131	35.821	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.451	216	284827	37.312	ng/ul	98
40) Hexachlorocyclopentadiene	12.428	237	113716	27.119	ng/ul	96
41) 2,4,6-Trichlorophenol	12.698	196	192519	37.890	ng/ul	95
42) 2,4,5-Trichlorophenol	12.769	196	213251	37.854	ng/ul	99
43) 1,1'-Biphenyl	13.104	154	739010	36.833	ng/ul	99
44) 2-Chloronaphthalene	13.145	162	581385	36.263	ng/ul	97
45) 2-Nitroaniline	13.363	65	172397	38.951	ng/ul	99
47) Dimethylphthalate	13.739	163	740726	35.369	ng/ul	100
48) 2,6-Dinitrotoluene	13.863	165	149062	37.917	ng/ul	98
50) Acenaphthylene	13.998	152	955678	35.564	ng/ul	99
51) 3-Nitroaniline	14.192	138	178400	39.528	ng/ul	95
52) Acenaphthene	14.339	153	624762	35.072	ng/ul	98
53) 2,4-Dinitrophenol	14.404	184	74184	33.368	ng/ul	99
55) 4-Nitrophenol	14.504	109	131381	38.207	ng/ul	99
56) Dibenzofuran	14.680	168	899329	36.515	ng/ul	99
57) 2,4-Dinitrotoluene	14.651	165	232272	38.884	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.904	232	185205	38.041	ng/ul	97
59) Diethylphthalate	15.110	149	763774	35.461	ng/ul	99
61) Fluorene	15.327	166	712867	35.171	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.327	204	337266	34.935	ng/ul	94
63) 4-Nitroaniline	15.363	138	208672	42.884	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.416	198	131134	36.625	ng/ul	96
67) N-Nitrosodiphenylamine	15.545	169	643973	36.351	ng/ul	99
68) 4-Bromophenyl-phenylether	16.227	248	224616	35.936	ng/ul	92
69) Hexachlorobenzene	16.327	284	264714	36.736	ng/ul	99
70) Atrazine	16.504	200	202234	32.516	ng/ul	97
71) Pentachlorophenol	16.674	266	173967	37.159	ng/ul	99
72) Phenanthrene	17.074	178	1252104	35.817	ng/ul	99
74) Anthracene	17.163	178	1262490	35.686	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	288804	37.254	ng/uL	98
76) Pentachlorobenzene	14.592	250	288967	36.096	ng/uL	98
77) Carbazole	17.439	167	1254474	38.820	ng/ul	98
78) Di-n-butylphthalate	18.004	149	1485733	37.719	ng/ul	100
80) Fluoranthene	19.092	202	1655496	36.166	ng/ul	100
82) Pyrene	19.463	202	1787466	37.165	ng/ul	97
83) Butylbenzylphthalate	20.374	149	788318	37.146	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.180	252	661042	40.307	ng/ul	95
85) Benzo(a)anthracene	21.251	228	1981484	37.074	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.174	149	1152072	36.156	ng/ul	99
87) Chrysene	21.310	228	1905142	37.552	ng/ul	99
89) Di-n-octyl phthalate	22.274	149	2305103	38.937	ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	2225545	38.512	ng/ul	99
91) Benzo(k)fluoranthene	23.309	252	2224245	38.268	ng/ul	99
93) Benzo(a)pyrene	24.033	252	1963969	34.067	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.415	276	2604831	36.412	ng/ul	99
95) Dibenzo(a,h)anthracene	27.468	278	2133289	36.331	ng/ul	98
96) Benzo(g,h,i)perylene	28.427	276	1999542	34.709	ng/ul	98

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

