

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
 Data File : BN031207.D
 Acq On : 25 Apr 2024 03:28
 Operator : MA/JU
 Sample : PB160461BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS461

Quant Time: Apr 25 03:57:54 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	159017	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.404	136	732600	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.274	164	500951	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.027	188	1120611	20.000	ng/u1	0.00
79) Chrysene-d12	21.262	240	1211984	20.000	ng/u1	0.00
88) Perylene-d12	24.162	264	1418685	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	19918	5.852	ng/uL	0.00
4) Pyridine-d5	3.546	84	262807	26.811	ng/u1	0.00
7) Phenol-d5	6.804	99	379164	28.266	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	214898	27.535	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.163	132	307398	29.432	ng/u1	0.00
15) 4-Methylphenol-d8	8.334	113	308446	27.342	ng/u1	0.00
21) Nitrobenzene-d5	8.786	128	154775	29.404	ng/u1	0.00
24) 2-Nitrophenol-d4	9.498	143	163316	29.849	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.033	165	315748	29.263	ng/u1	0.00
31) 4-Chloroaniline-d4	10.551	131	425828	25.254	ng/u1	-0.01
46) Dimethylphthalate-d6	13.692	166	941264	27.001	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	1126197	28.509	ng/u1	0.00
54) 4-Nitrophenol-d4	14.492	143	202495	27.831	ng/u1	0.00
60) Fluorene-d10	15.274	176	836085	27.551	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.398	200	147738	26.131	ng/u1	0.00
73) Anthracene-d10	17.127	188	1388393	28.585	ng/u1	0.00
81) Pyrene-d10	19.427	212	1741626	29.243	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.962	264	1983873	29.489	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.175	88	29794	8.260	ng/uL	92
5) Pyridine	3.569	79	263019	26.591	ng/u1	96
6) Benzaldehyde	6.781	77	200230	30.400	ng/u1	98
8) Phenol	6.834	94	384616	27.811	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.063	93	291139	26.681	ng/u1	100
12) 2-Chlorophenol	7.192	128	310908	28.638	ng/u1	99
13) 2-Methylphenol	8.069	108	288868	26.953	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.151	45	376237	26.446	ng/u1	100
16) Acetophenone	8.451	105	457877	26.196	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.434	70	222896	25.584	ng/u1	98
18) 4-Methylphenol	8.398	108	324034	26.992	ng/u1	99
19) Hexachloroethane	8.692	117	121696	27.014	ng/u1	99
22) Nitrobenzene	8.828	77	342885	27.600	ng/u1	97
23) Isophorone	9.351	82	657700	25.942	ng/u1	99
25) 2-Nitrophenol	9.528	139	177349	29.297	ng/u1	94
26) 2,4-Dimethylphenol	9.592	107	294680	23.869	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.833	93	402518	26.139	ng/u1	99
29) 2,4-Dichlorophenol	10.057	162	309688	28.736	ng/u1	98
30) Naphthalene	10.457	128	1027112	27.053	ng/u1	99
32) 4-Chloroaniline	10.575	127	389089	23.749	ng/u1	99
33) Hexachlorobutadiene	10.733	225	177388	27.000	ng/u1	97
34) Caprolactam	11.357	113	112475	26.489	ng/u1	95
35) 4-Chloro-3-methylphenol	11.704	107	347932	27.845	ng/u1	98
36) 2-Methylnaphthalene	12.075	142	713398	26.645	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.298	142	728553	26.892	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.445	216	366667	27.972	ng/ul	98
40) Hexachlorocyclopentadiene	12.422	237	124157	17.243	ng/ul	90
41) 2,4,6-Trichlorophenol	12.698	196	249801	28.630	ng/ul	92
42) 2,4,5-Trichlorophenol	12.769	196	271835	28.100	ng/ul	93
43) 1,1'-Biphenyl	13.104	154	934993	27.138	ng/ul	99
44) 2-Chloronaphthalene	13.145	162	738849	26.837	ng/ul	99
45) 2-Nitroaniline	13.363	65	220339	28.991	ng/ul	100
47) Dimethylphthalate	13.739	163	940212	26.144	ng/ul	100
48) 2,6-Dinitrotoluene	13.863	165	189743	28.107	ng/ul	100
50) Acenaphthylene	13.998	152	1228571	26.625	ng/ul	99
51) 3-Nitroaniline	14.192	138	216858	27.981	ng/ul	95
52) Acenaphthene	14.339	153	803553	26.269	ng/ul	97
53) 2,4-Dinitrophenol	14.404	184	88347	23.141	ng/ul	98
55) 4-Nitrophenol	14.510	109	160525	27.186	ng/ul	99
56) Dibenzofuran	14.674	168	1135425	26.846	ng/ul	100
57) 2,4-Dinitrotoluene	14.651	165	291786	28.446	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.904	232	241098	28.838	ng/ul	98
59) Diethylphthalate	15.110	149	981027	26.525	ng/ul	100
61) Fluorene	15.327	166	919117	26.408	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.327	204	434837	26.230	ng/ul	98
63) 4-Nitroaniline	15.363	138	257991	30.875	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.416	198	155172	25.561	ng/ul	98
67) N-Nitrosodiphenylamine	15.545	169	824367	27.446	ng/ul	99
68) 4-Bromophenyl-phenylether	16.221	248	276754	26.114	ng/ul	98
69) Hexachlorobenzene	16.327	284	333071	27.262	ng/ul	99
70) Atrazine	16.504	200	280844	26.633	ng/ul	95
71) Pentachlorophenol	16.674	266	227464	28.656	ng/ul	97
72) Phenanthrene	17.068	178	1588567	26.802	ng/ul	99
74) Anthracene	17.163	178	1593141	26.560	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	369115	28.082	ng/uL	100
76) Pentachlorobenzene	14.592	250	367265	27.058	ng/uL	99
77) Carbazole	17.439	167	1562745	28.522	ng/ul	98
78) Di-n-butylphthalate	18.004	149	1882602	28.189	ng/ul	100
80) Fluoranthene	19.092	202	2032822	28.840	ng/ul	99
82) Pyrene	19.456	202	2174436	29.361	ng/ul	99
83) Butylbenzylphthalate	20.368	149	988276	30.242	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.180	252	697191	27.607	ng/ul	98
85) Benzo(a)anthracene	21.245	228	2217511	26.944	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.174	149	1415109	28.841	ng/ul	99
87) Chrysene	21.303	228	2146797	27.480	ng/ul	98
89) Di-n-octyl phthalate	22.268	149	2712867	33.175	ng/ul	100
90) Benzo(b)fluoranthene	23.245	252	2365325	29.632	ng/ul	99
91) Benzo(k)fluoranthene	23.303	252	2333430	29.065	ng/ul	100
93) Benzo(a)pyrene	24.021	252	1983955	24.914	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.403	276	2497364	25.273	ng/ul	97
95) Dibenzo(a,h)anthracene	27.462	278	2018562	24.888	ng/ul	97
96) Benzo(g,h,i)perylene	28.427	276	1901141	23.891	ng/ul	99

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

