

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
 Data File : BN031122.D
 Acq On : 22 Apr 2024 14:58
 Operator : MA/JU
 Sample : PB160379BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS379

Quant Time: Apr 22 23:27:14 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	111172	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.410	136	498616	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.281	164	329921	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.028	188	722828	20.000	ng/u1	0.00
79) Chrysene-d12	21.269	240	813601	20.000	ng/u1	0.00
88) Perylene-d12	24.174	264	1009979	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	18224	7.659	ng/uL	0.00
4) Pyridine-d5	3.546	84	208494	30.424	ng/u1	0.00
7) Phenol-d5	6.805	99	337404	35.978	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	191162	35.035	ng/u1	0.00
11) 2-Chlorophenol-d4	7.164	132	265224	36.322	ng/u1	0.00
15) 4-Methylphenol-d8	8.340	113	273033	34.619	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	133682	37.315	ng/u1	0.00
24) 2-Nitrophenol-d4	9.505	143	136911	36.765	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.034	165	272726	37.137	ng/u1	0.00
31) 4-Chloroaniline-d4	10.558	131	310455	27.052	ng/u1	0.00
46) Dimethylphthalate-d6	13.699	166	811535	35.348	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	959973	36.899	ng/u1	0.00
54) 4-Nitrophenol-d4	14.493	143	174447	36.405	ng/u1	0.00
60) Fluorene-d10	15.281	176	718853	35.968	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	124457	34.128	ng/u1	0.00
73) Anthracene-d10	17.128	188	1177432	37.582	ng/u1	0.00
81) Pyrene-d10	19.434	212	1483397	37.104	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.980	264	1832851	38.269	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.176	88	28403	11.263	ng/uL	94
5) Pyridine	3.564	79	217044	31.386	ng/u1	97
6) Benzaldehyde	6.781	77	185063	40.189	ng/u1	99
8) Phenol	6.834	94	333712	34.515	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.064	93	254202	33.321	ng/u1	99
12) 2-Chlorophenol	7.193	128	268806	35.416	ng/u1	99
13) 2-Methylphenol	8.075	108	249098	33.245	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.152	45	332965	33.477	ng/u1	100
16) Acetophenone	8.452	105	402304	32.922	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.434	70	193164	31.714	ng/u1	99
18) 4-Methylphenol	8.399	108	280716	33.447	ng/u1	94
19) Hexachloroethane	8.699	117	105692	33.558	ng/u1	96
22) Nitrobenzene	8.828	77	293937	34.763	ng/u1	99
23) Isophorone	9.352	82	567785	32.905	ng/u1	99
25) 2-Nitrophenol	9.534	139	150235	36.464	ng/u1	97
26) 2,4-Dimethylphenol	9.593	107	267328	31.815	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.834	93	348457	33.247	ng/u1	98
29) 2,4-Dichlorophenol	10.063	162	260060	35.455	ng/u1	99
30) Naphthalene	10.463	128	878558	33.999	ng/u1	99
32) 4-Chloroaniline	10.581	127	340043	30.495	ng/u1	97
33) Hexachlorobutadiene	10.740	225	145829	32.613	ng/u1	96
34) Caprolactam	11.352	113	95890	33.180	ng/u1	98
35) 4-Chloro-3-methylphenol	11.710	107	291401	34.265	ng/u1	99
36) 2-Methylnaphthalene	12.081	142	610383	33.495	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.304	142	615283	33.368	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.452	216	308140	35.693	ng/ul	97
40) Hexachlorocyclopentadiene	12.428	237	121716	25.666	ng/ul	95
41) 2,4,6-Trichlorophenol	12.699	196	201903	35.136	ng/ul	94
42) 2,4,5-Trichlorophenol	12.769	196	228652	35.890	ng/ul	99
43) 1,1'-Biphenyl	13.104	154	802488	35.367	ng/ul	99
44) 2-Chloronaphthalene	13.146	162	634400	34.989	ng/ul	98
45) 2-Nitroaniline	13.363	65	183245	36.609	ng/ul	99
47) Dimethylphthalate	13.746	163	791296	33.409	ng/ul	99
48) 2,6-Dinitrotoluene	13.863	165	153286	34.477	ng/ul	96
50) Acenaphthylene	13.999	152	1032815	33.985	ng/ul	99
51) 3-Nitroaniline	14.198	138	187588	36.752	ng/ul	94
52) Acenaphthene	14.346	153	668082	33.162	ng/ul	99
53) 2,4-Dinitrophenol	14.404	184	77103	30.666	ng/ul	96
55) 4-Nitrophenol	14.510	109	131520	33.820	ng/ul	94
56) Dibenzofuran	14.681	168	964562	34.629	ng/ul	97
57) 2,4-Dinitrotoluene	14.657	165	240969	35.670	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.910	232	191864	34.846	ng/ul	96
59) Diethylphthalate	15.116	149	817226	33.551	ng/ul	97
61) Fluorene	15.334	166	787262	34.345	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.334	204	366012	33.523	ng/ul	98
63) 4-Nitroaniline	15.363	138	214813	39.035	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.416	198	130509	33.329	ng/ul	98
67) N-Nitrosodiphenylamine	15.545	169	690913	35.661	ng/ul	98
68) 4-Bromophenyl-phenylether	16.228	248	235125	34.396	ng/ul	94
69) Hexachlorobenzene	16.334	284	271977	34.512	ng/ul	96
70) Atrazine	16.504	200	109272	16.065	ng/ul	98
71) Pentachlorophenol	16.681	266	165305	32.286	ng/ul	92
72) Phenanthrene	17.075	178	1319973	34.525	ng/ul	98
74) Anthracene	17.163	178	1335567	34.519	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.069	216	311787	36.774	ng/ul	96
76) Pentachlorobenzene	14.593	250	311471	35.575	ng/ul	97
77) Carbazole	17.439	167	1300088	36.786	ng/ul	98
78) Di-n-butylphthalate	18.004	149	1563824	36.302	ng/ul	99
80) Fluoranthene	19.098	202	1696765	35.860	ng/ul	99
82) Pyrene	19.463	202	1826572	36.740	ng/ul	100
83) Butylbenzylphthalate	20.375	149	816299	37.211	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.186	252	624929	36.863	ng/ul	97
85) Benzo(a)anthracene	21.251	228	1961938	35.511	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.180	149	1201583	36.480	ng/ul	99
87) Chrysene	21.316	228	1887775	35.996	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	2277035	39.113	ng/ul	100
90) Benzo(b)fluoranthene	23.257	252	2116346	37.242	ng/ul	100
91) Benzo(k)fluoranthene	23.316	252	2123864	37.160	ng/ul	99
93) Benzo(a)pyrene	24.033	252	1843496	32.518	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.421	276	2412553	34.294	ng/ul	99
95) Dibenzo(a,h)anthracene	27.486	278	1980938	34.307	ng/ul	97
96) Benzo(g,h,i)perylene	28.445	276	1828681	32.280	ng/ul	99

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

