

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031974.D
 Acq On : 13 Jun 2024 12:59
 Operator : MA/JU
 Sample : PB161272BS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS272

Quant Time: Jun 13 13:40:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 11 22:28:10 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	331452	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1422322	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.304	164	867665	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.051	188	1606327	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	946141	20.000	ng/u1	0.00
88) Perylene-d12	24.221	264	1117509	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	44605	5.567	ng/uL	0.00
4) Pyridine-d5	3.581	84	632958	28.065	ng/u1	0.00
7) Phenol-d5	6.840	99	892932	31.425	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.999	67	503161	30.273	ng/u1	0.00
11) 2-Chlorophenol-d4	7.193	132	742770	34.259	ng/u1	0.00
15) 4-Methylphenol-d8	8.375	113	729367	31.489	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	369329	33.961	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	404462	36.004	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	713888	34.040	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	947310	30.422	ng/u1	0.00
46) Dimethylphthalate-d6	13.722	166	1962549	32.467	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	2283746	32.858	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	345556	28.552	ng/u1	0.00
60) Fluorene-d10	15.304	176	1612140	31.521	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.440	200	256533	31.772	ng/u1	0.00
73) Anthracene-d10	17.151	188	2238044	32.544	ng/u1	0.00
81) Pyrene-d10	19.451	212	2043554	40.362	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	1762206	33.024	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	95665	11.160	ng/uL	96
5) Pyridine	3.599	79	646254	28.659	ng/u1	99
6) Benzaldehyde	6.811	77	500103	37.524	ng/u1	99
8) Phenol	6.864	94	933502	32.281	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.093	93	726365	30.377	ng/u1	97
12) 2-Chlorophenol	7.228	128	755149	33.283	ng/u1	99
13) 2-Methylphenol	8.105	108	704596	31.547	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.181	45	844947	30.697	ng/u1	99
16) Acetophenone	8.487	105	1104450	31.464	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.469	70	538439	29.601	ng/u1	96
18) 4-Methylphenol	8.434	108	765894	31.634	ng/u1	96
19) Hexachloroethane	8.722	117	296976	30.910	ng/u1	94
22) Nitrobenzene	8.863	77	825285	31.852	ng/u1	98
23) Isophorone	9.387	82	1584377	29.809	ng/u1	99
25) 2-Nitrophenol	9.563	139	439923	35.843	ng/u1	98
26) 2,4-Dimethylphenol	9.628	107	700089	29.322	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.863	93	997491	30.113	ng/u1	99
29) 2,4-Dichlorophenol	10.099	162	709067	34.242	ng/u1	99
30) Naphthalene	10.493	128	2344452	31.849	ng/u1	99
32) 4-Chloroaniline	10.610	127	855571	28.301	ng/u1	98
33) Hexachlorobutadiene	10.769	225	415739	33.427	ng/u1	92
34) Caprolactam	11.404	113	245583	30.383	ng/u1	93
35) 4-Chloro-3-methylphenol	11.746	107	785374	32.447	ng/u1	99
36) 2-Methylnaphthalene	12.110	142	1607758	31.954	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	1637229	32.430	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.481	216	832982	36.300	ng/ul	99
40) Hexachlorocyclopentadiene	12.451	237	202327	15.298	ng/ul	92
41) 2,4,6-Trichlorophenol	12.734	196	556133	35.707	ng/ul	98
42) 2,4,5-Trichlorophenol	12.804	196	596288	35.231	ng/ul	97
43) 1,1'-Biphenyl	13.134	154	2067316	33.874	ng/ul	97
44) 2-Chloronaphthalene	13.175	162	1607708	33.634	ng/ul	99
45) 2-Nitroaniline	13.393	65	471767	34.047	ng/ul	95
47) Dimethylphthalate	13.769	163	1974469	31.939	ng/ul	99
48) 2,6-Dinitrotoluene	13.893	165	425568	34.633	ng/ul	98
50) Acenaphthylene	14.028	152	2541809	32.359	ng/ul	98
51) 3-Nitroaniline	14.222	138	459484	34.973	ng/ul	98
52) Acenaphthene	14.369	153	1670787	32.147	ng/ul	98
53) 2,4-Dinitrophenol	14.440	184	183495	29.579	ng/ul	96
55) 4-Nitrophenol	14.545	109	269201	29.984	ng/ul	92
56) Dibenzofuran	14.704	168	2273133	32.191	ng/ul	96
57) 2,4-Dinitrotoluene	14.687	165	592515	32.862	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.934	232	473762	33.464	ng/ul	99
59) Diethylphthalate	15.140	149	2022332	31.703	ng/ul	100
61) Fluorene	15.357	166	1814713	31.914	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.351	204	905175	32.866	ng/ul	98
63) 4-Nitroaniline	15.392	138	450402	36.012	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.451	198	284272	33.119	ng/ul	99
67) N-Nitrosodiphenylamine	15.575	169	1614118	36.455	ng/ul	97
68) 4-Bromophenyl-phenylether	16.245	248	570060	36.627	ng/ul	94
69) Hexachlorobenzene	16.357	284	600861	34.063	ng/ul	96
70) Atrazine	16.528	200	445019	31.833	ng/ul	99
71) Pentachlorophenol	16.704	266	343527	30.439	ng/ul	91
72) Phenanthrene	17.098	178	2669414	32.622	ng/ul	99
74) Anthracene	17.186	178	2650699	31.969	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.093	216	792619	38.336	ng/ul	99
76) Pentachlorobenzene	14.622	250	785404	39.001	ng/ul	97
77) Carbazole	17.463	167	2338002	33.069	ng/ul	97
78) Di-n-butylphthalate	18.028	149	3384315	34.793	ng/ul	100
80) Fluoranthene	19.116	202	2602815	43.016	ng/ul	98
82) Pyrene	19.480	202	2576043	41.495	ng/ul	98
83) Butylbenzylphthalate	20.392	149	1195320	40.766	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.204	252	659238	36.335	ng/ul	92
85) Benzo(a)anthracene	21.275	228	2175004	34.344	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.198	149	1672255	39.124	ng/ul	98
87) Chrysene	21.333	228	2032499	34.359	ng/ul	99
89) Di-n-octyl phthalate	22.304	149	2670196	35.691	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	2202642	32.976	ng/ul	100
91) Benzo(k)fluoranthene	23.357	252	2109573	32.185	ng/ul	100
93) Benzo(a)pyrene	24.086	252	1865832	29.824	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.515	276	2620202	36.346	ng/ul	100
95) Dibenzo(a,h)anthracene	27.574	278	2106758	35.795	ng/ul	96
96) Benzo(g,h,i)perylene	28.551	276	2048199	35.741	ng/ul	96

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

