

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050124\
 Data File : BN031363.D
 Acq On : 02 May 2024 01:09
 Operator : MA/JU
 Sample : P2105-03MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC7MSD

Quant Time: May 02 03:53:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 02 00:07:34 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	143853	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	685240	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	405121	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.016	188	690069	20.000	ng/u1	0.00
79) Chrysene-d12	21.251	240	623208	20.000	ng/u1	0.00
88) Perylene-d12	24.139	264	853098	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	35134	11.371	ng/uL	0.00
4) Pyridine-d5	3.534	84	341537	38.600	ng/u1	0.00
7) Phenol-d5	6.793	99	515979	44.574	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.958	67	304187	44.880	ng/u1	0.00
11) 2-Chlorophenol-d4	7.146	132	429442	46.373	ng/u1	0.00
15) 4-Methylphenol-d8	8.322	113	280916	29.284	ng/u1	0.00
21) Nitrobenzene-d5	8.769	128	154416	31.268	ng/u1	0.00
24) 2-Nitrophenol-d4	9.487	143	200647	37.751	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	405328	41.067	ng/u1	0.00
31) 4-Chloroaniline-d4	10.534	131	285529	19.962	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	1102149	41.266	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	1294346	41.767	ng/u1	0.00
54) 4-Nitrophenol-d4	14.487	143	213334	44.014	ng/u1	0.00
60) Fluorene-d10	15.257	176	938142	41.133	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.393	200	163386	46.042	ng/u1	0.00
73) Anthracene-d10	17.110	188	1334040	46.842	ng/u1	0.00
81) Pyrene-d10	19.416	212	1651998	43.525	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	1701746	43.088	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.164	88	59919	17.818	ng/uL	93
5) Pyridine	3.558	79	467041	52.544	ng/u1	93
6) Benzaldehyde	6.764	77	332910	57.280	ng/u1	99
8) Phenol	6.816	94	627553	53.340	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.046	93	479443	50.340	ng/u1	99
12) 2-Chlorophenol	7.175	128	512136	53.189	ng/u1	98
13) 2-Methylphenol	8.058	108	384810	42.114	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.134	45	373851	29.747	ng/u1	95
16) Acetophenone	8.434	105	503201	35.280	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.422	70	242698	32.410	ng/u1	98
18) 4-Methylphenol	8.387	108	340542	34.051	ng/u1	96
19) Hexachloroethane	8.675	117	153605	39.427	ng/u1	98
22) Nitrobenzene	8.811	77	433927	37.446	ng/u1	99
23) Isophorone	9.334	82	928792	41.074	ng/u1	99
25) 2-Nitrophenol	9.516	139	260563	44.937	ng/u1	99
26) 2,4-Dimethylphenol	9.581	107	449418	41.233	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.816	93	617281	43.400	ng/u1	100
29) 2,4-Dichlorophenol	10.046	162	458823	47.087	ng/u1	99
30) Naphthalene	10.440	128	1525472	45.302	ng/u1	99
32) 4-Chloroaniline	10.563	127	577363	42.158	ng/u1	96
33) Hexachlorobutadiene	10.716	225	273892	47.551	ng/u1	98
34) Caprolactam	11.352	113	130467	37.483	ng/u1	98
35) 4-Chloro-3-methylphenol	11.693	107	413542	36.950	ng/u1	97
36) 2-Methylnaphthalene	12.057	142	724996	31.053	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.281	142	858498	36.351	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.434	216	447834	42.830	ng/ul	99
40) Hexachlorocyclopentadiene	12.404	237	164746	28.148	ng/ul	96
41) 2,4,6-Trichlorophenol	12.681	196	304560	42.368	ng/ul	100
42) 2,4,5-Trichlorophenol	12.757	196	335412	42.784	ng/ul	96
43) 1,1'-Biphenyl	13.087	154	1300268	47.255	ng/ul	97
44) 2-Chloronaphthalene	13.128	162	1029492	47.374	ng/ul	99
45) 2-Nitroaniline	13.346	65	303404	49.290	ng/ul	99
47) Dimethylphthalate	13.728	163	1226967	44.836	ng/ul	100
48) 2,6-Dinitrotoluene	13.851	165	267934	50.177	ng/ul	99
50) Acenaphthylene	13.981	152	1650370	46.799	ng/ul	99
51) 3-Nitroaniline	14.181	138	297807	51.786	ng/ul	96
52) Acenaphthene	14.328	153	1060301	45.324	ng/ul	100
53) 2,4-Dinitrophenol	14.393	184	137045	44.910	ng/ul	87
55) 4-Nitrophenol	14.498	109	206788	53.286	ng/ul	99
56) Dibenzofuran	14.663	168	1473637	46.389	ng/ul	93
57) 2,4-Dinitrotoluene	14.640	165	380411	48.576	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.893	232	310560	47.394	ng/ul	93
59) Diethylphthalate	15.098	149	1261845	45.751	ng/ul	98
61) Fluorene	15.316	166	1166148	46.044	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.316	204	553276	45.285	ng/ul	99
63) 4-Nitroaniline	15.351	138	295432	56.104	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.404	198	215436	56.635	ng/ul#	98
67) N-Nitrosodiphenylamine	15.534	169	1042398	56.853	ng/ul	98
68) 4-Bromophenyl-phenylether	16.210	248	309547	47.949	ng/ul	96
69) Hexachlorobenzene	16.316	284	369803	49.674	ng/ul	96
70) Atrazine	16.492	200	318878	53.542	ng/ul	95
71) Pentachlorophenol	16.669	266	233374	51.775	ng/ul	95
72) Phenanthrene	17.057	178	1677623	49.124	ng/ul	98
74) Anthracene	17.145	178	1873097	54.846	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.046	216	502999	57.546	ng/ul	97
76) Pentachlorobenzene	14.575	250	478911	55.869	ng/ul	99
77) Carbazole	17.422	167	1789922	60.006	ng/ul	99
78) Di-n-butylphthalate	17.992	149	2279123	58.960	ng/ul	99
80) Fluoranthene	19.081	202	2196519	48.275	ng/ul	99
82) Pyrene	19.445	202	2302592	49.608	ng/ul	100
83) Butylbenzylphthalate	20.357	149	918465	47.363	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.169	252	507970	45.555	ng/ul	94
85) Benzo(a)anthracene	21.233	228	1890840	46.491	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.163	149	1221458	47.874	ng/ul	99
87) Chrysene	21.292	228	1854234	48.659	ng/ul	98
89) Di-n-octyl phthalate	22.257	149	2424477	38.357	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	2209081	42.730	ng/ul	100
91) Benzo(k)fluoranthene	23.292	252	2284633	44.935	ng/ul	98
93) Benzo(a)pyrene	24.004	252	1925452	41.640	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.386	276	2618164	49.972	ng/ul	99
95) Dibenzo(a,h)anthracene	27.445	278	2169392	49.845	ng/ul	98
96) Benzo(g,h,i)perylene	28.404	276	2183822	51.675	ng/ul	99

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

