

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040424\
 Data File : BN030641.D
 Acq On : 04 Apr 2024 00:02
 Operator : MA/JU
 Sample : P1849-03MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E0LY5MSD

Quant Time: Apr 04 00:50:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Mar 31 12:24:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	281160	20.000	ng/u1	0.00
20) Naphthalene-d8	10.481	136	1226314	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.339	164	783613	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.086	188	1519000	20.000	ng/u1	0.00
79) Chrysene-d12	21.327	240	888883	20.000	ng/u1	0.00
88) Perylene-d12	24.274	264	975565	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	12603	2.102	ng/uL	0.00
4) Pyridine-d5	3.605	84	73340	4.079	ng/u1	0.00
7) Phenol-d5	6.863	99	292176	12.846	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	174634	12.431	ng/u1	0.00
11) 2-Chlorophenol-d4	7.228	132	246247	14.272	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	224305	11.767	ng/u1	0.00
21) Nitrobenzene-d5	8.852	128	124714	14.660	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	132302	17.001	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	265888	15.606	ng/u1	0.00
31) 4-Chloroaniline-d4	10.616	131	16050	0.572	ng/u1	0.00
46) Dimethylphthalate-d6	13.751	166	786005	15.023	ng/u1	0.00
49) Acenaphthylene-d8	14.028	160	893945	14.861	ng/u1	0.00
54) 4-Nitrophenol-d4	14.545	143	131205	13.111	ng/u1	0.00
60) Fluorene-d10	15.334	176	693886	15.156	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	77334	11.534	ng/u1	0.00
73) Anthracene-d10	17.186	188	1013064	15.479	ng/u1	0.00
81) Pyrene-d10	19.486	212	969098	20.278	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.074	264	764404	17.005	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	44141	6.871	ng/uL	99
5) Pyridine	3.622	79	225236	12.415	ng/u1	97
6) Benzaldehyde	6.846	77	249678	23.573	ng/u1	97
8) Phenol	6.887	94	468860	19.788	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.128	93	374414	19.378	ng/u1	98
12) 2-Chlorophenol	7.258	128	386171	20.864	ng/u1	98
13) 2-Methylphenol	8.134	108	319220	17.484	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.216	45	508525	18.691	ng/u1	99
16) Acetophenone	8.516	105	597566	19.855	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.499	70	284206	18.749	ng/u1	97
18) 4-Methylphenol	8.463	108	364935	17.854	ng/u1	99
19) Hexachloroethane	8.763	117	165618	21.342	ng/u1	99
22) Nitrobenzene	8.893	77	438260	21.104	ng/u1	100
23) Isophorone	9.416	82	842460	20.342	ng/u1	99
25) 2-Nitrophenol	9.599	139	217724	23.805	ng/u1	98
26) 2,4-Dimethylphenol	9.657	107	136784	6.729	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.899	93	529318	20.102	ng/u1	99
29) 2,4-Dichlorophenol	10.128	162	387554	22.286	ng/u1	99
30) Naphthalene	10.528	128	1326414	21.089	ng/u1	100
32) 4-Chloroaniline	10.646	127	254492	9.415	ng/u1	99
33) Hexachlorobutadiene	10.810	225	248929	22.742	ng/u1	93
34) Caprolactam	11.422	113	126778	19.515	ng/u1	93
35) 4-Chloro-3-methylphenol	11.769	107	413940	21.134	ng/u1	99
36) 2-Methylnaphthalene	12.146	142	924332	21.044	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.369	142	918461	20.599	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.516	216	469447	23.214	ng/ul	97
40) Hexachlorocyclopentadiene	12.493	237	71044	6.186	ng/ul	98
41) 2,4,6-Trichlorophenol	12.763	196	314772	24.909	ng/ul	99
42) 2,4,5-Trichlorophenol	12.834	196	345696	24.223	ng/ul	95
43) 1,1'-Biphenyl	13.169	154	1195452	22.382	ng/ul	97
44) 2-Chloronaphthalene	13.210	162	946312	22.507	ng/ul	99
45) 2-Nitroaniline	13.416	65	263150	23.518	ng/ul	100
47) Dimethylphthalate	13.804	163	1196843	22.145	ng/ul	99
48) 2,6-Dinitrotoluene	13.922	165	240362	23.988	ng/ul	97
50) Acenaphthylene	14.057	152	1515648	21.807	ng/ul	100
51) 3-Nitroaniline	14.245	138	199264	18.736	ng/ul	97
52) Acenaphthene	14.404	153	1062794	22.946	ng/ul	99
53) 2,4-Dinitrophenol	14.451	184	75831	16.477	ng/ul	91
55) 4-Nitrophenol	14.557	109	162585	20.506	ng/ul	98
56) Dibenzofuran	14.739	168	1439276	22.355	ng/ul	98
57) 2,4-Dinitrotoluene	14.710	165	360328	24.631	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.963	232	289588	24.432	ng/ul	96
59) Diethylphthalate	15.169	149	1251185	22.789	ng/ul	99
61) Fluorene	15.392	166	1165105	22.767	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.387	204	554367	22.080	ng/ul	97
63) 4-Nitroaniline	15.416	138	218745	21.156	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.469	198	143222	19.880	ng/ul	99
67) N-Nitrosodiphenylamine	15.604	169	997471	24.112	ng/ul	100
68) 4-Bromophenyl-phenylether	16.281	248	367434	25.474	ng/ul	90
69) Hexachlorobenzene	16.386	284	394766	23.242	ng/ul	98
70) Atrazine	16.563	200	360044	25.111	ng/ul	99
71) Pentachlorophenol	16.733	266	225762	22.544	ng/ul	100
72) Phenanthrene	17.133	178	2457405	31.488	ng/ul	99
74) Anthracene	17.222	178	1919748	24.333	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.128	216	475261	25.467	ng/ul	96
76) Pentachlorobenzene	14.651	250	458962	24.213	ng/ul	93
77) Carbazole	17.492	167	1680758	24.293	ng/ul	100
78) Di-n-butylphthalate	18.063	149	2251364	26.674	ng/ul	100
80) Fluoranthene	19.151	202	3032092	53.372	ng/ul	99
82) Pyrene	19.516	202	2815466	46.926	ng/ul	98
83) Butylbenzylphthalate	20.427	149	823350	35.935	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.239	252	207222	12.687	ng/ul#	97
85) Benzo(a)anthracene	21.310	228	1840374	31.023	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.245	149	1720228	50.910	ng/ul	99
87) Chrysene	21.374	228	1803010	32.201	ng/ul	100
89) Di-n-octyl phthalate	22.363	149	1731600	28.029	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	1926211	33.550	ng/ul	97
91) Benzo(k)fluoranthene	23.410	252	1613960	27.680	ng/ul	97
93) Benzo(a)pyrene	24.139	252	1683306	31.037	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.598	276	1931845	32.951	ng/ul	97
95) Dibenzo(a,h)anthracene	27.662	278	1419150	28.754	ng/ul	97
96) Benzo(g,h,i)perylene	28.639	276	1523579	33.103	ng/ul	97

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

