

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040724\
 Data File : BN030762.D
 Acq On : 08 Apr 2024 05:08
 Operator : MA/JU
 Sample : PB160078BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS078

Quant Time: Apr 08 06:37:44 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	7.687	152	167463	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.469	136	787521	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.328	164	563461	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.075	188	1211334	20.000	ng/u1	-0.01
79) Chrysene-d12	21.316	240	1197161	20.000	ng/u1	-0.01
88) Perylene-d12	24.251	264	1404888	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	17425	4.879	ng/uL	-0.01
4) Pyridine-d5	3.593	84	172439	16.102	ng/u1	0.00
7) Phenol-d5	6.857	99	254424	18.781	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	143563	17.158	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.216	132	200106	19.472	ng/u1	-0.01
15) 4-Methylphenol-d8	8.393	113	209441	18.447	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	104182	19.071	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.557	143	113015	22.614	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.087	165	224993	20.564	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.604	131	286830	15.924	ng/u1	-0.02
46) Dimethylphthalate-d6	13.745	166	705971	18.766	ng/u1	-0.01
49) Acenaphthylene-d8	14.022	160	800832	18.515	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.534	143	142116	19.750	ng/u1	0.00
60) Fluorene-d10	15.322	176	608434	18.482	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.445	200	110615	20.688	ng/u1	0.00
73) Anthracene-d10	17.175	188	959383	18.382	ng/u1	-0.01
81) Pyrene-d10	19.474	212	1198279	18.617	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.045	264	1268723	19.599	ng/u1	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.222	88	37203	9.723	ng/uL	96
5) Pyridine	3.611	79	318761	29.498	ng/u1	99
6) Benzaldehyde	6.834	77	245909	38.979	ng/u1	99
8) Phenol	6.881	94	478330	33.894	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.116	93	362014	31.457	ng/u1	98
12) 2-Chlorophenol	7.246	128	380195	34.487	ng/u1	97
13) 2-Methylphenol	8.128	108	361359	33.229	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.204	45	472593	29.164	ng/u1	99
16) Acetophenone	8.504	105	584625	32.613	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.493	70	295698	32.751	ng/u1	95
18) 4-Methylphenol	8.451	108	412094	33.850	ng/u1	96
19) Hexachloroethane	8.751	117	150315	32.522	ng/u1	97
22) Nitrobenzene	8.881	77	428605	32.139	ng/u1	98
23) Isophorone	9.404	82	875584	32.922	ng/u1	99
25) 2-Nitrophenol	9.587	139	228293	38.868	ng/u1	98
26) 2,4-Dimethylphenol	9.651	107	365869	28.026	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.887	93	526578	31.141	ng/u1	98
29) 2,4-Dichlorophenol	10.116	162	395535	35.418	ng/u1	98
30) Naphthalene	10.516	128	1285817	31.835	ng/u1	99
32) 4-Chloroaniline	10.634	127	518790	29.886	ng/u1	99
33) Hexachlorobutadiene	10.798	225	224885	31.992	ng/u1	98
34) Caprolactam	11.410	113	153804	36.866	ng/u1	95
35) 4-Chloro-3-methylphenol	11.763	107	462259	36.751	ng/u1	99
36) 2-Methylnaphthalene	12.134	142	922605	32.708	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.357	142	938168	32.764	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.504	216	472923	32.523	ng/ul	98
40) Hexachlorocyclopentadiene	12.481	237	210949	25.545	ng/ul	100
41) 2,4,6-Trichlorophenol	12.751	196	333757	36.730	ng/ul	95
42) 2,4,5-Trichlorophenol	12.822	196	367849	35.846	ng/ul	93
43) 1,1'-Biphenyl	13.157	154	1208448	31.465	ng/ul	98
44) 2-Chloronaphthalene	13.198	162	954843	31.583	ng/ul	97
45) 2-Nitroaniline	13.410	65	293487	36.477	ng/ul	99
47) Dimethylphthalate	13.792	163	1246937	32.087	ng/ul	100
48) 2,6-Dinitrotoluene	13.910	165	264792	36.751	ng/ul	98
50) Acenaphthylene	14.045	152	1608123	32.177	ng/ul	99
51) 3-Nitroaniline	14.239	138	263019	34.393	ng/ul	98
52) Acenaphthene	14.392	153	1035484	31.091	ng/ul	98
53) 2,4-Dinitrophenol	14.445	184	131961	39.875	ng/ul	97
55) 4-Nitrophenol	14.551	109	203279	35.656	ng/ul	98
56) Dibenzofuran	14.728	168	1491106	32.209	ng/ul	98
57) 2,4-Dinitrotoluene	14.698	165	398283	37.862	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.951	232	330429	38.771	ng/ul	98
59) Diethylphthalate	15.163	149	1293598	32.767	ng/ul	99
61) Fluorene	15.381	166	1184896	32.200	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.381	204	571196	31.639	ng/ul	98
63) 4-Nitroaniline	15.410	138	294228	39.574	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.457	198	220237	38.335	ng/ul	98
67) N-Nitrosodiphenylamine	15.592	169	1080054	32.740	ng/ul	98
68) 4-Bromophenyl-phenylether	16.269	248	380993	33.122	ng/ul	95
69) Hexachlorobenzene	16.375	284	430607	31.792	ng/ul	98
70) Atrazine	16.551	200	400521	35.028	ng/ul	99
71) Pentachlorophenol	16.722	266	297285	37.226	ng/ul	99
72) Phenanthrene	17.122	178	1986734	31.923	ng/ul	100
74) Anthracene	17.210	178	2005648	31.879	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.116	216	471152	31.660	ng/ul	95
76) Pentachlorobenzene	14.645	250	473802	31.345	ng/ul	93
77) Carbazole	17.486	167	1966778	35.647	ng/ul	99
78) Di-n-butylphthalate	18.051	149	2444293	36.315	ng/ul	100
80) Fluoranthene	19.139	202	2449944	32.020	ng/ul	99
82) Pyrene	19.504	202	2632421	32.577	ng/ul	99
83) Butylbenzylphthalate	20.416	149	1199184	38.860	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.227	252	797671	36.262	ng/ul	95
85) Benzo(a)anthracene	21.298	228	2631506	32.937	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.227	149	1686280	37.055	ng/ul	97
87) Chrysene	21.357	228	2541718	33.704	ng/ul	98
89) Di-n-octyl phthalate	22.339	149	3209648	36.077	ng/ul	100
90) Benzo(b)fluoranthene	23.321	252	2726192	32.973	ng/ul	99
91) Benzo(k)fluoranthene	23.386	252	2718535	32.376	ng/ul	98
93) Benzo(a)pyrene	24.109	252	2294842	29.382	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.545	276	2990428	35.420	ng/ul	98
95) Dibenzo(a,h)anthracene	27.609	278	2428848	34.173	ng/ul	96
96) Benzo(g,h,i)perylene	28.580	276	2305665	34.786	ng/ul	96

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

