

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061323\
 Data File : BP015500.D
 Acq On : 13 Jun 2023 17:16
 Operator : MA/JU
 Sample : PB153343BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS343

Quant Time: Jun 14 00:15:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 09 23:33:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	145632	20.000	ng/u1	0.00
20) Naphthalene-d8	10.916	136	697687	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.734	164	461104	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.492	188	1049093	20.000	ng/u1	0.00
79) Chrysene-d12	21.575	240	947225	20.000	ng/u1	0.00
88) Perylene-d12	24.121	264	1029283	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	27603	7.019	ng/uL	0.00
4) Pyridine-d5	3.846	84	348204	34.086	ng/u1	0.00
7) Phenol-d5	7.246	99	497586	37.087	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.411	67	312832	39.042	ng/u1	0.00
11) 2-Chlorophenol-d4	7.616	132	396795	40.792	ng/u1	0.00
15) 4-Methylphenol-d8	8.810	113	451442	40.999	ng/u1	0.00
21) Nitrobenzene-d5	9.269	128	219353	40.046	ng/u1	0.00
24) 2-Nitrophenol-d4	9.999	143	250865	40.104	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	449671	39.408	ng/u1	0.00
31) 4-Chloroaniline-d4	11.057	131	571115	34.869	ng/u1	0.00
46) Dimethylphthalate-d6	14.140	166	1433261	39.418	ng/u1	0.00
49) Acenaphthylene-d8	14.434	160	1597479	40.179	ng/u1	0.00
54) 4-Nitrophenol-d4	14.940	143	243645	37.418	ng/u1	0.00
60) Fluorene-d10	15.728	176	1182179	38.555	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	259104	38.986	ng/u1	0.00
73) Anthracene-d10	17.592	188	1852655	38.813	ng/u1	0.00
81) Pyrene-d10	19.816	212	2263740	44.652	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.957	264	2179129	42.194	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	55818	13.437	ng/uL	94
5) Pyridine	3.864	79	352258	33.261	ng/u1	94
6) Benzaldehyde	7.222	77	227551	44.372	ng/u1	96
8) Phenol	7.275	94	519964	37.566	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.511	93	407970	37.279	ng/u1	99
12) 2-Chlorophenol	7.652	128	398999	38.823	ng/u1	99
13) 2-Methylphenol	8.540	108	422499	39.672	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.622	45	582549	40.169	ng/u1	98
16) Acetophenone	8.928	105	686742	39.080	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.911	70	368830	38.888	ng/u1	98
18) 4-Methylphenol	8.869	108	462084	39.436	ng/u1	96
19) Hexachloroethane	9.181	117	175726	40.462	ng/u1	98
22) Nitrobenzene	9.310	77	549227	37.809	ng/u1	99
23) Isophorone	9.840	82	1072220	36.873	ng/u1	99
25) 2-Nitrophenol	10.028	139	257616	38.144	ng/u1	99
26) 2,4-Dimethylphenol	10.081	107	522034	36.448	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.322	93	629565	37.239	ng/u1	100
29) 2,4-Dichlorophenol	10.563	162	437376	38.551	ng/u1	98
30) Naphthalene	10.969	128	1398762	36.998	ng/u1	99
32) 4-Chloroaniline	11.087	127	427040	25.198	ng/u1	99
33) Hexachlorobutadiene	11.246	225	289250	37.804	ng/u1	98
34) Caprolactam	11.875	113	152247	35.648	ng/u1	94
35) 4-Chloro-3-methylphenol	12.199	107	527750	38.393	ng/u1	98
36) 2-Methylnaphthalene	12.569	142	972565	36.593	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.787	142	969319	36.223	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.934	216	554986	38.652	ng/ul	100
40) Hexachlorocyclopentadiene	12.904	237	263801	44.821	ng/ul	97
41) 2,4,6-Trichlorophenol	13.175	196	358713	37.536	ng/ul	99
42) 2,4,5-Trichlorophenol	13.251	196	399144	38.328	ng/ul	99
43) 1,1'-Biphenyl	13.569	154	1346238	37.753	ng/ul	99
44) 2-Chloronaphthalene	13.616	162	1064774	38.058	ng/ul	99
45) 2-Nitroaniline	13.822	65	359822	40.185	ng/ul	96
47) Dimethylphthalate	14.187	163	1404566	37.413	ng/ul	100
48) 2,6-Dinitrotoluene	14.316	165	307564	39.987	ng/ul	99
50) Acenaphthylene	14.457	152	1646537	37.396	ng/ul	100
51) 3-Nitroaniline	14.645	138	285475	44.960	ng/ul	99
52) Acenaphthene	14.798	153	1133590	37.246	ng/ul	99
53) 2,4-Dinitrophenol	14.857	184	165169	35.698	ng/ul	98
55) 4-Nitrophenol	14.951	109	225432	35.893	ng/ul	95
56) Dibenzofuran	15.134	168	1594240	36.958	ng/ul	98
57) 2,4-Dinitrotoluene	15.104	165	434366	38.396	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.363	232	331811	35.289	ng/ul	96
59) Diethylphthalate	15.545	149	1451979	37.737	ng/ul	99
61) Fluorene	15.787	166	1287850	36.623	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.775	204	660535	37.271	ng/ul	99
63) 4-Nitroaniline	15.816	138	292688	48.597	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.869	198	252512	37.253	ng/ul	92
67) N-Nitrosodiphenylamine	15.987	169	1120837	37.659	ng/ul	99
68) 4-Bromophenyl-phenylether	16.669	248	432825	38.564	ng/ul	97
69) Hexachlorobenzene	16.792	284	507499	38.333	ng/ul	98
70) Atrazine	16.939	200	123372	10.380	ng/ul	97
71) Pentachlorophenol	17.139	266	268260	35.849	ng/ul	99
72) Phenanthrene	17.534	178	2149012	38.172	ng/ul	100
74) Anthracene	17.628	178	2130431	37.296	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.540	216	571142	39.446	ng/ul	100
76) Pentachlorobenzene	15.051	250	559138	36.884	ng/ul	97
77) Carbazole	17.892	167	1944083	37.797	ng/ul	100
78) Di-n-butylphthalate	18.422	149	2604950	39.918	ng/ul	99
80) Fluoranthene	19.492	202	2623589	42.485	ng/ul	98
82) Pyrene	19.845	202	2653453	41.532	ng/ul	98
83) Butylbenzylphthalate	20.698	149	1255889	44.475	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.480	252	885020	39.548	ng/ul	98
85) Benzo(a)anthracene	21.557	228	2609473	39.407	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.451	149	1884438	45.149	ng/ul	100
87) Chrysene	21.616	228	2451209	39.163	ng/ul	99
89) Di-n-octyl phthalate	22.422	149	3249617	48.038	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	2665626	40.121	ng/ul	100
91) Benzo(k)fluoranthene	23.392	252	2596158	40.423	ng/ul	99
93) Benzo(a)pyrene	24.016	252	2263390	39.074	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.827	276	2693746	35.933	ng/ul	99
95) Dibenzo(a,h)anthracene	26.839	278	2229384	36.502	ng/ul	99
96) Benzo(g,h,i)perylene	27.657	276	2152560	34.842	ng/ul	100

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

