

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122823\
 Data File : BP019141.D
 Acq On : 29 Dec 2023 00:29
 Operator : MA/JU
 Sample : PB158118BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS118

Quant Time: Dec 29 01:03:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 28 03:15:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	169356	20.000	ng/u1	0.00
20) Naphthalene-d8	10.599	136	627734	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.446	164	369888	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.204	188	820173	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	922142	20.000	ng/u1	0.00
88) Perylene-d12	23.674	264	1113652	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	30556	6.162	ng/uL	0.00
4) Pyridine-d5	3.652	84	391657	31.468	ng/u1	0.00
7) Phenol-d5	6.981	99	465486	30.649	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	282955	32.205	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	374247	30.566	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	356249	30.129	ng/u1	0.00
21) Nitrobenzene-d5	8.969	128	173707	32.011	ng/u1	0.00
24) 2-Nitrophenol-d4	9.687	143	192622	32.845	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	372483	31.454	ng/u1	0.00
31) 4-Chloroaniline-d4	10.746	131	431248	29.606	ng/u1	0.00
46) Dimethylphthalate-d6	13.869	166	987392	30.222	ng/u1	0.00
49) Acenaphthylene-d8	14.140	160	1131932	31.930	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	172446	31.257	ng/u1	0.00
60) Fluorene-d10	15.445	176	857398	30.377	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	167420	31.137	ng/u1	0.00
73) Anthracene-d10	17.304	188	1326561	30.971	ng/u1	0.00
81) Pyrene-d10	19.551	212	1717555	30.562	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.522	264	2068023	32.306	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.270	88	58882	10.800	ng/uL	97
5) Pyridine	3.670	79	380106	30.087	ng/u1	97
6) Benzaldehyde	6.946	77	244757	34.709	ng/u1	98
8) Phenol	7.011	94	456105	30.405	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.240	93	379813	31.292	ng/u1	99
12) 2-Chlorophenol	7.369	128	372412	29.718	ng/u1	99
13) 2-Methylphenol	8.258	108	336476	30.321	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.334	45	453206	31.653	ng/u1	99
16) Acetophenone	8.634	105	537005	30.324	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.622	70	255989	28.989	ng/u1	99
18) 4-Methylphenol	8.587	108	359627	30.107	ng/u1	98
19) Hexachloroethane	8.875	117	160425	30.521	ng/u1	98
22) Nitrobenzene	9.011	77	404591	30.519	ng/u1	97
23) Isophorone	9.540	82	718670	30.062	ng/u1	99
25) 2-Nitrophenol	9.722	139	199310	31.830	ng/u1	100
26) 2,4-Dimethylphenol	9.787	107	337715	30.636	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.028	93	475231	30.077	ng/u1	99
29) 2,4-Dichlorophenol	10.252	162	352844	30.490	ng/u1	99
30) Naphthalene	10.652	128	1138089	30.071	ng/u1	100
32) 4-Chloroaniline	10.769	127	377062	26.977	ng/u1	99
33) Hexachlorobutadiene	10.934	225	276772	31.077	ng/u1	98
34) Caprolactam	11.557	113	91590	29.963	ng/u1	92
35) 4-Chloro-3-methylphenol	11.905	107	332631	29.281	ng/u1	99
36) 2-Methylnaphthalene	12.263	142	757076	29.669	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.487	142	741097	28.800	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.634	216	476544	31.282	ng/ul	99
40) Hexachlorocyclopentadiene	12.610	237	264860	31.323	ng/ul	99
41) 2,4,6-Trichlorophenol	12.881	196	284992	31.347	ng/ul	99
42) 2,4,5-Trichlorophenol	12.951	196	298412	30.921	ng/ul	100
43) 1,1'-Biphenyl	13.281	154	973776	30.179	ng/ul	99
44) 2-Chloronaphthalene	13.322	162	781824	30.197	ng/ul	99
45) 2-Nitroaniline	13.540	65	194090	31.227	ng/ul	97
47) Dimethylphthalate	13.916	163	956189	29.649	ng/ul	100
48) 2,6-Dinitrotoluene	14.040	165	187924	31.711	ng/ul	93
50) Acenaphthylene	14.169	152	1227956	30.787	ng/ul	100
51) 3-Nitroaniline	14.363	138	171092	29.531	ng/ul	98
52) Acenaphthene	14.510	153	809532	29.947	ng/ul	100
53) 2,4-Dinitrophenol	14.575	184	102498	26.846	ng/ul	97
55) 4-Nitrophenol	14.681	109	130344	29.562	ng/ul	95
56) Dibenzofuran	14.851	168	1146233	29.692	ng/ul	99
57) 2,4-Dinitrotoluene	14.828	165	272620	31.280	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.081	232	262917	31.182	ng/ul	99
59) Diethylphthalate	15.281	149	931076	29.776	ng/ul	99
61) Fluorene	15.498	166	916157	29.651	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.498	204	498371	29.535	ng/ul	98
63) 4-Nitroaniline	15.534	138	188101	32.270	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.587	198	172623	30.322	ng/ul	99
67) N-Nitrosodiphenylamine	15.716	169	779040	31.122	ng/ul	99
68) 4-Bromophenyl-phenylether	16.392	248	322725	31.658	ng/ul	98
69) Hexachlorobenzene	16.504	284	382982	30.742	ng/ul	99
70) Atrazine	16.675	200	284090	40.215	ng/ul	99
71) Pentachlorophenol	16.851	266	239611	32.759	ng/ul	97
72) Phenanthrene	17.245	178	1506168	30.303	ng/ul	99
74) Anthracene	17.340	178	1507440	30.464	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.246	216	454182	31.849	ng/ul	98
76) Pentachlorobenzene	14.763	250	439863	31.040	ng/ul	99
77) Carbazole	17.616	167	1343437	32.640	ng/ul	99
78) Di-n-butylphthalate	18.169	149	1639107	32.110	ng/ul	99
80) Fluoranthene	19.222	202	1909443	29.609	ng/ul	100
82) Pyrene	19.575	202	2006254	29.693	ng/ul	99
83) Butylbenzylphthalate	20.457	149	792601	32.841	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.233	252	703326	30.489	ng/ul	99
85) Benzo(a)anthracene	21.292	228	2267732	31.125	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.222	149	1190908	33.510	ng/ul	100
87) Chrysene	21.345	228	2068791	30.451	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	2148594	33.738	ng/ul	100
90) Benzo(b)fluoranthene	22.951	252	2407336	30.775	ng/ul	100
91) Benzo(k)fluoranthene	22.998	252	2413263	31.396	ng/ul	100
93) Benzo(a)pyrene	23.569	252	2302455	31.272	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.127	276	2944854	31.202	ng/ul	98
95) Dibenzo(a,h)anthracene	26.145	278	2458412	31.311	ng/ul	100
96) Benzo(g,h,i)perylene	26.886	276	2372834	31.372	ng/ul	98

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

