

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121323\
 Data File : BP018862.D
 Acq On : 15 Dec 2023 02:03
 Operator : MA/JU
 Sample : PB157726BS
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS726

Quant Time: Dec 15 02:42:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 23:34:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	256031	20.000	ng/u1	0.00
20) Naphthalene-d8	10.628	136	919131	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	520460	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	1091624	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1203065	20.000	ng/u1	0.00
88) Perylene-d12	23.657	264	1443429	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	43872	5.839	ng/uL	0.00
4) Pyridine-d5	3.675	84	545195	27.091	ng/u1	0.00
7) Phenol-d5	7.005	99	664162	25.849	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	388742	25.528	ng/u1	0.00
11) 2-Chlorophenol-d4	7.364	132	536549	26.762	ng/u1	0.00
15) 4-Methylphenol-d8	8.546	113	486935	23.418	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	240927	29.451	ng/u1	0.00
24) 2-Nitrophenol-d4	9.710	143	253203	29.854	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	506798	29.223	ng/u1	0.00
31) 4-Chloroaniline-d4	10.769	131	577279	25.470	ng/u1	0.00
46) Dimethylphthalate-d6	13.881	166	1312480	28.255	ng/u1	0.00
49) Acenaphthylene-d8	14.157	160	1527168	29.857	ng/u1	0.00
54) 4-Nitrophenol-d4	14.669	143	227318	29.813	ng/u1	0.00
60) Fluorene-d10	15.451	176	1138496	29.199	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	196537	30.027	ng/u1	0.00
73) Anthracene-d10	17.310	188	1744552	30.399	ng/u1	0.00
81) Pyrene-d10	19.545	212	2209717	23.596	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.504	264	2621862	31.152	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	88640	10.758	ng/uL	98
5) Pyridine	3.693	79	569999	28.047	ng/u1	97
6) Benzaldehyde	6.975	77	319782	24.106	ng/u1	96
8) Phenol	7.034	94	677451	26.886	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.264	93	555674	26.853	ng/u1	97
12) 2-Chlorophenol	7.393	128	553316	27.269	ng/u1	96
13) 2-Methylphenol	8.281	108	488064	25.301	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.358	45	630708	24.021	ng/u1	98
16) Acetophenone	8.658	105	778170	25.111	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.646	70	355633	20.861	ng/u1	96
18) 4-Methylphenol	8.611	108	516327	24.512	ng/u1	97
19) Hexachloroethane	8.905	117	238557	28.678	ng/u1	91
22) Nitrobenzene	9.034	77	582548	29.289	ng/u1	98
23) Isophorone	9.563	82	1014258	25.011	ng/u1	98
25) 2-Nitrophenol	9.746	139	280023	30.836	ng/u1	97
26) 2,4-Dimethylphenol	9.810	107	427724	24.083	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.046	93	670156	26.176	ng/u1	99
29) 2,4-Dichlorophenol	10.275	162	500700	29.974	ng/u1	98
30) Naphthalene	10.675	128	1636992	29.359	ng/u1	100
32) 4-Chloroaniline	10.793	127	479859	22.214	ng/u1	100
33) Hexachlorobutadiene	10.957	225	400180	35.770	ng/u1	100
34) Caprolactam	11.569	113	134544	26.267	ng/u1	92
35) 4-Chloro-3-methylphenol	11.916	107	468416	25.031	ng/u1	99
36) 2-Methylnaphthalene	12.287	142	1084064	27.444	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.504	142	1051989	26.371	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.651	216	666995	35.322	ng/ul	98
40) Hexachlorocyclopentadiene	12.634	237	327803	29.288	ng/ul	98
41) 2,4,6-Trichlorophenol	12.899	196	380234	31.302	ng/ul	99
42) 2,4,5-Trichlorophenol	12.969	196	411253	31.228	ng/ul	100
43) 1,1'-Biphenyl	13.299	154	1390936	30.901	ng/ul	99
44) 2-Chloronaphthalene	13.340	162	1138164	32.015	ng/ul	97
45) 2-Nitroaniline	13.546	65	262210	27.207	ng/ul	95
47) Dimethylphthalate	13.928	163	1335656	29.211	ng/ul	100
48) 2,6-Dinitrotoluene	14.046	165	261762	30.301	ng/ul	94
50) Acenaphthylene	14.187	152	1743786	30.322	ng/ul	100
51) 3-Nitroaniline	14.375	138	246803	28.619	ng/ul	97
52) Acenaphthene	14.528	153	1153071	30.325	ng/ul	100
53) 2,4-Dinitrophenol	14.581	184	122549	26.766	ng/ul	95
55) 4-Nitrophenol	14.681	109	180537	31.340	ng/ul	96
56) Dibenzofuran	14.863	168	1613324	30.528	ng/ul	96
57) 2,4-Dinitrotoluene	14.828	165	377567	31.071	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.087	232	332839	30.131	ng/ul	93
59) Diethylphthalate	15.293	149	1268877	28.359	ng/ul	98
61) Fluorene	15.510	166	1278715	30.579	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.504	204	702630	32.038	ng/ul	95
63) 4-Nitroaniline	15.540	138	268297	32.658	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.592	198	219172	31.320	ng/ul#	90
67) N-Nitrosodiphenylamine	15.722	169	1085647	30.013	ng/ul	99
68) 4-Bromophenyl-phenylether	16.404	248	443470	32.179	ng/ul	93
69) Hexachlorobenzene	16.510	284	511301	33.230	ng/ul	97
70) Atrazine	16.675	200	234504	21.805	ng/ul	98
71) Pentachlorophenol	16.857	266	282371	30.857	ng/ul	99
72) Phenanthrene	17.251	178	2066418	31.343	ng/ul	100
74) Anthracene	17.345	178	2059488	31.164	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.257	216	657380	34.828	ng/ul	99
76) Pentachlorobenzene	14.775	250	623652	33.636	ng/ul	99
77) Carbazole	17.616	167	1855284	35.225	ng/ul	98
78) Di-n-butylphthalate	18.175	149	2131176	30.388	ng/ul	100
80) Fluoranthene	19.222	202	2586226	23.363	ng/ul	96
82) Pyrene	19.575	202	2718854	24.347	ng/ul	94
83) Butylbenzylphthalate	20.451	149	1013192	24.783	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.222	252	986699	33.750	ng/ul	100
85) Benzo(a)anthracene	21.286	228	3047539	31.208	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.210	149	1495869	26.621	ng/ul	99
87) Chrysene	21.333	228	2823638	31.400	ng/ul	100
89) Di-n-octyl phthalate	22.122	149	2728768	25.892	ng/ul	100
90) Benzo(b)fluoranthene	22.939	252	3315644	31.155	ng/ul	98
91) Benzo(k)fluoranthene	22.986	252	3130658	30.403	ng/ul	98
93) Benzo(a)pyrene	23.557	252	3090104	31.777	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.110	276	3914307	33.690	ng/ul	96
95) Dibenzo(a,h)anthracene	26.127	278	3279176	33.928	ng/ul	97
96) Benzo(g,h,i)perylene	26.862	276	3140219	33.584	ng/ul	96

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

