

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112423\
 Data File : BP018353.D
 Acq On : 25 Nov 2023 06:19
 Operator : MA/JU
 Sample : PB157273BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS273

Quant Time: Nov 26 23:57:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 24 22:02:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	437264	20.000	ng/u1	0.00
20) Naphthalene-d8	10.669	136	1714651	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.498	164	915338	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.245	188	1524945	20.000	ng/u1	0.00
79) Chrysene-d12	21.357	240	1255506	20.000	ng/u1	0.00
88) Perylene-d12	23.786	264	1550273	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	69587	5.961	ng/uL	0.00
4) Pyridine-d5	3.687	84	937901	29.233	ng/u1	0.00
7) Phenol-d5	7.034	99	1266049	31.682	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	740641	30.994	ng/u1	0.00
11) 2-Chlorophenol-d4	7.399	132	1048473	31.249	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	974353	30.213	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	480568	34.506	ng/u1	0.00
24) 2-Nitrophenol-d4	9.751	143	452491	35.180	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	984622	31.730	ng/u1	0.00
31) 4-Chloroaniline-d4	10.804	131	1247463	29.807	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	2458494	30.185	ng/u1	0.00
49) Acenaphthylene-d8	14.192	160	2967056	31.971	ng/u1	0.00
54) 4-Nitrophenol-d4	14.692	143	319558	28.421	ng/u1	0.00
60) Fluorene-d10	15.492	176	2044430	30.010	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	227893	35.106	ng/u1	0.00
73) Anthracene-d10	17.345	188	2569750	31.528	ng/u1	0.00
81) Pyrene-d10	19.586	212	2655865	26.579	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.627	264	2997304	33.349	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	150652	12.034	ng/uL#	93
5) Pyridine	3.705	79	980905	30.344	ng/u1	97
6) Benzaldehyde	7.005	77	703290	33.257	ng/u1	98
8) Phenol	7.057	94	1291482	32.947	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.299	93	1074602	32.911	ng/u1	99
12) 2-Chlorophenol	7.428	128	1078044	32.027	ng/u1	97
13) 2-Methylphenol	8.310	108	972864	31.863	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.399	45	1383493	29.808	ng/u1	97
16) Acetophenone	8.693	105	1544012	31.288	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.687	70	714090	25.904	ng/u1	96
18) 4-Methylphenol	8.646	108	1028400	31.541	ng/u1	98
19) Hexachloroethane	8.951	117	446198	31.741	ng/u1	97
22) Nitrobenzene	9.075	77	1083077	33.195	ng/u1	96
23) Isophorone	9.599	82	2067334	28.428	ng/u1	99
25) 2-Nitrophenol	9.781	139	525358	36.303	ng/u1	95
26) 2,4-Dimethylphenol	9.846	107	805366	24.787	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.087	93	1362075	31.013	ng/u1	100
29) 2,4-Dichlorophenol	10.316	162	979195	32.943	ng/u1	98
30) Naphthalene	10.722	128	3343469	32.240	ng/u1	100
32) 4-Chloroaniline	10.828	127	1145720	29.010	ng/u1	99
33) Hexachlorobutadiene	11.010	225	702532	34.654	ng/u1	98
34) Caprolactam	11.598	113	252621	29.492	ng/u1	90
35) 4-Chloro-3-methylphenol	11.951	107	889454	27.987	ng/u1	97
36) 2-Methylnaphthalene	12.328	142	2226689	30.339	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.545	142	2158267	29.214	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.692	216	1225143	37.897	ng/ul	99
40) Hexachlorocyclopentadiene	12.675	237	574122	31.356	ng/ul	100
41) 2,4,6-Trichlorophenol	12.934	196	695353	35.816	ng/ul	98
42) 2,4,5-Trichlorophenol	13.004	196	732326	34.883	ng/ul	98
43) 1,1'-Biphenyl	13.339	154	2800493	35.115	ng/ul	99
44) 2-Chloronaphthalene	13.381	162	2222054	35.203	ng/ul	99
45) 2-Nitroaniline	13.581	65	449460	33.093	ng/ul	92
47) Dimethylphthalate	13.963	163	2506768	31.456	ng/ul	99
48) 2,6-Dinitrotoluene	14.081	165	459785	34.221	ng/ul	92
50) Acenaphthylene	14.222	152	3407684	32.942	ng/ul	99
51) 3-Nitroaniline	14.404	138	425440	31.870	ng/ul#	95
52) Acenaphthene	14.563	153	2225925	32.939	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	143323	30.576	ng/ul	97
55) 4-Nitrophenol	14.704	109	236852	28.433	ng/ul	98
56) Dibenzofuran	14.898	168	2984100	32.300	ng/ul	98
57) 2,4-Dinitrotoluene	14.863	165	593620	32.695	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.122	232	511913	31.049	ng/ul	98
59) Diethylphthalate	15.334	149	2260542	28.238	ng/ul	99
61) Fluorene	15.551	166	2303408	30.573	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.545	204	1206666	31.540	ng/ul	99
63) 4-Nitroaniline	15.569	138	387342	30.745	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.622	198	260942	36.244	ng/ul	98
67) N-Nitrosodiphenylamine	15.757	169	1867198	36.107	ng/ul	100
68) 4-Bromophenyl-phenylether	16.445	248	652487	33.889	ng/ul	96
69) Hexachlorobenzene	16.551	284	787510	36.587	ng/ul	94
70) Atrazine	16.716	200	467575	29.618	ng/ul	98
71) Pentachlorophenol	16.892	266	369251	33.387	ng/ul	99
72) Phenanthrene	17.292	178	3156226	34.027	ng/ul	99
74) Anthracene	17.386	178	3088540	32.988	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.298	216	1199085	45.746	ng/ul	99
76) Pentachlorobenzene	14.816	250	1070072	42.026	ng/ul	99
77) Carbazole	17.651	167	2572570	33.915	ng/ul	99
78) Di-n-butylphthalate	18.222	149	3011025	28.538	ng/ul	100
80) Fluoranthene	19.263	202	3207608	26.871	ng/ul	99
82) Pyrene	19.616	202	3322063	27.637	ng/ul	99
83) Butylbenzylphthalate	20.510	149	1129631	25.394	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.280	252	1054796	34.736	ng/ul	100
85) Benzo(a)anthracene	21.339	228	3415581	33.381	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.292	149	1774162	26.583	ng/ul	99
87) Chrysene	21.392	228	3194361	34.307	ng/ul	99
89) Di-n-octyl phthalate	22.251	149	2974850	26.065	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	3722464	33.058	ng/ul	99
91) Benzo(k)fluoranthene	23.092	252	3675023	32.784	ng/ul	99
93) Benzo(a)pyrene	23.680	252	3556031	34.339	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.362	276	4526137	37.800	ng/ul	98
95) Dibenzo(a,h)anthracene	26.404	278	3762764	38.385	ng/ul	98
96) Benzo(g,h,i)perylene	27.151	276	3729871	38.463	ng/ul	98

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

