

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
 Data File : BP014736.D
 Acq On : 19 Apr 2023 18:23
 Operator : CG/JU
 Sample : PB152181BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS181

Quant Time: Apr 20 01:48:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 19 01:37:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	167104	20.000	ng/u1	0.00
20) Naphthalene-d8	10.981	136	672243	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.787	164	401679	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.534	188	857820	20.000	ng/u1	0.00
79) Chrysene-d12	21.610	240	817579	20.000	ng/u1	0.00
88) Perylene-d12	24.186	264	829930	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	23851	5.673	ng/uL	0.00
4) Pyridine-d5	3.917	84	246163	21.504	ng/u1	0.00
7) Phenol-d5	7.287	99	415477	28.757	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.469	67	256811	28.812	ng/u1	0.00
11) 2-Chlorophenol-d4	7.675	132	322599	30.065	ng/u1	0.00
15) 4-Methylphenol-d8	8.852	113	321228	28.520	ng/u1	0.00
21) Nitrobenzene-d5	9.322	128	139029	33.005	ng/u1	0.00
24) 2-Nitrophenol-d4	10.052	143	128243	33.707	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.593	165	319015	30.881	ng/u1	0.00
31) 4-Chloroaniline-d4	11.110	131	240838	15.274	ng/u1	0.00
46) Dimethylphthalate-d6	14.187	166	962082	30.249	ng/u1	0.00
49) Acenaphthylene-d8	14.481	160	1112538	30.183	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	150794	29.807	ng/u1	0.00
60) Fluorene-d10	15.775	176	820333	30.059	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	106347	30.635	ng/u1	0.00
73) Anthracene-d10	17.634	188	1266287	30.557	ng/u1	0.00
81) Pyrene-d10	19.845	212	1451556	30.993	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.016	264	1383220	32.157	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.523	88	50746	11.175	ng/uL	95
5) Pyridine	3.934	79	318701	27.749	ng/u1	97
6) Benzaldehyde	7.281	77	222772	31.173	ng/u1	94
8) Phenol	7.316	94	439711	29.157	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.563	93	353140	28.880	ng/u1	99
12) 2-Chlorophenol	7.711	128	342774	30.549	ng/u1	98
13) 2-Methylphenol	8.587	108	319012	28.264	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.687	45	441081	28.252	ng/u1	98
16) Acetophenone	8.981	105	544521	29.063	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.963	70	256495	28.147	ng/u1	97
18) 4-Methylphenol	8.916	108	351042	28.622	ng/u1	97
19) Hexachloroethane	9.252	117	142063	30.057	ng/u1	98
22) Nitrobenzene	9.369	77	362890	31.705	ng/u1	98
23) Isophorone	9.893	82	731217	28.293	ng/u1	99
25) 2-Nitrophenol	10.087	139	155632	34.439	ng/u1	99
26) 2,4-Dimethylphenol	10.134	107	362092	28.737	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.375	93	463242	28.930	ng/u1	99
29) 2,4-Dichlorophenol	10.616	162	319655	30.657	ng/u1	97
30) Naphthalene	11.034	128	1120050	29.729	ng/u1	100
32) 4-Chloroaniline	11.134	127	349283	21.867	ng/u1	97
33) Hexachlorobutadiene	11.322	225	222325	30.145	ng/u1	98
34) Caprolactam	11.893	113	88815	28.130	ng/u1	98
35) 4-Chloro-3-methylphenol	12.234	107	326718	29.982	ng/u1	98
36) 2-Methylnaphthalene	12.628	142	733478	29.162	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.846	142	741913	29.754	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.987	216	416675	30.825	ng/ul	97
40) Hexachlorocyclopentadiene	12.969	237	216862	28.354	ng/ul	100
41) 2,4,6-Trichlorophenol	13.222	196	232355	30.348	ng/ul	98
42) 2,4,5-Trichlorophenol	13.287	196	258442	31.202	ng/ul	99
43) 1,1'-Biphenyl	13.622	154	995392	30.560	ng/ul	99
44) 2-Chloronaphthalene	13.669	162	780277	30.658	ng/ul	100
45) 2-Nitroaniline	13.863	65	166664	34.593	ng/ul	99
47) Dimethylphthalate	14.234	163	963547	30.076	ng/ul	100
48) 2,6-Dinitrotoluene	14.351	165	152112	34.810	ng/ul	93
50) Acenaphthylene	14.510	152	1207029	30.215	ng/ul	99
51) 3-Nitroaniline	14.681	138	157475	31.684	ng/ul	98
52) Acenaphthene	14.851	153	823666	30.240	ng/ul	99
53) 2,4-Dinitrophenol	14.881	184	59333	28.062	ng/ul	97
55) 4-Nitrophenol	14.969	109	131254	31.629	ng/ul	97
56) Dibenzofuran	15.181	168	1163833	30.360	ng/ul	98
57) 2,4-Dinitrotoluene	15.134	165	227189	35.434	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.398	232	205405	29.204	ng/ul	95
59) Diethylphthalate	15.592	149	951739	30.616	ng/ul	99
61) Fluorene	15.828	166	968390	30.947	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.822	204	492897	30.804	ng/ul	97
63) 4-Nitroaniline	15.840	138	188050	37.855	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.892	198	113482	30.707	ng/ul	93
67) N-Nitrosodiphenylamine	16.034	169	794824	31.094	ng/ul	99
68) 4-Bromophenyl-phenylether	16.716	248	299069	31.108	ng/ul	97
69) Hexachlorobenzene	16.834	284	339013	30.392	ng/ul	98
70) Atrazine	16.975	200	28609	3.151	ng/ul	99
71) Pentachlorophenol	17.175	266	154245	25.402	ng/ul	97
72) Phenanthrene	17.581	178	1485864	30.734	ng/ul	99
74) Anthracene	17.669	178	1494801	30.498	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.593	216	412337	30.783	ng/uL	99
76) Pentachlorobenzene	15.098	250	411726	31.163	ng/uL	100
77) Carbazole	17.928	167	1327839	30.860	ng/ul	100
78) Di-n-butylphthalate	18.469	149	1543644	31.601	ng/ul	100
80) Fluoranthene	19.522	202	1722502	31.611	ng/ul	99
82) Pyrene	19.875	202	1822415	31.605	ng/ul	98
83) Butylbenzylphthalate	20.733	149	506084	32.149	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.516	252	493223	26.946	ng/ul	99
85) Benzo(a)anthracene	21.592	228	1769499	31.136	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.498	149	842063	31.711	ng/ul	98
87) Chrysene	21.651	228	1682080	31.265	ng/ul	99
89) Di-n-octyl phthalate	22.486	149	1344677	29.946	ng/ul	100
90) Benzo(b)fluoranthene	23.392	252	1742307	32.227	ng/ul	100
91) Benzo(k)fluoranthene	23.445	252	1803597	33.357	ng/ul	100
93) Benzo(a)pyrene	24.074	252	1564922	32.593	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.910	276	2023192	32.375	ng/ul	99
95) Dibenzo(a,h)anthracene	26.927	278	1699185	32.468	ng/ul	98
96) Benzo(g,h,i)perylene	27.745	276	1619420	32.401	ng/ul	99

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

