

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041823\
 Data File : BP014715.D
 Acq On : 18 Apr 2023 16:50
 Operator : CG/JU
 Sample : SSTD02049
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020634

Quant Time: Apr 19 01:01:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 19 00:51:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.158	152	189337	20.000	ng/u1	0.00
20) Naphthalene-d8	10.987	136	806091	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.787	164	515699	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.539	188	1128861	20.000	ng/u1	0.00
79) Chrysene-d12	21.610	240	1116948	20.000	ng/u1	0.00
88) Perylene-d12	24.192	264	1186375	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	39113	8.011	ng/uL	0.00
4) Pyridine-d5	3.917	84	262668	20.993	ng/u1	0.00
7) Phenol-d5	7.287	99	338247	19.371	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.469	67	216128	19.291	ng/u1	0.00
11) 2-Chlorophenol-d4	7.675	132	258031	20.445	ng/u1	0.00
15) 4-Methylphenol-d8	8.852	113	263766	18.727	ng/u1	0.00
21) Nitrobenzene-d5	9.328	128	103474	15.901	ng/u1	0.00
24) 2-Nitrophenol-d4	10.057	143	92085	12.358	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.593	165	261603	19.277	ng/u1	0.00
31) 4-Chloroaniline-d4	11.110	131	394195	22.053	ng/u1	0.00
46) Dimethylphthalate-d6	14.187	166	853666	20.416	ng/u1	0.00
49) Acenaphthylene-d8	14.481	160	1000543	21.565	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	123650	19.574	ng/u1	0.00
60) Fluorene-d10	15.775	176	740965	21.250	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	72638	8.745	ng/u1	0.00
73) Anthracene-d10	17.639	188	1161649	21.263	ng/u1	0.00
81) Pyrene-d10	19.851	212	1342555	17.895	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.021	264	1309192	20.770	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.523	88	43150	8.042	ng/uL	100
5) Pyridine	3.934	79	272134	20.784	ng/u1	100
6) Benzaldehyde	7.281	77	208143	23.981	ng/u1	100
8) Phenol	7.316	94	356897	19.703	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.564	93	293054	20.132	ng/u1	100
12) 2-Chlorophenol	7.711	128	269879	20.545	ng/u1	100
13) 2-Methylphenol	8.587	108	265862	19.681	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.693	45	383101	20.045	ng/u1	100
16) Acetophenone	8.981	105	467364	20.094	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.963	70	229372	18.255	ng/u1	100
18) 4-Methylphenol	8.916	108	292311	19.703	ng/u1	100
19) Hexachloroethane	9.252	117	112264	19.560	ng/u1	100
22) Nitrobenzene	9.369	77	291502	15.593	ng/u1	100
23) Isophorone	9.893	82	659982	19.152	ng/u1	100
25) 2-Nitrophenol	10.087	139	113689	14.455	ng/u1	100
26) 2,4-Dimethylphenol	10.134	107	319381	18.143	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.381	93	404010	19.555	ng/u1	100
29) 2,4-Dichlorophenol	10.616	162	263033	19.695	ng/u1	100
30) Naphthalene	11.034	128	941838	20.976	ng/u1	100
32) 4-Chloroaniline	11.134	127	403915	22.310	ng/u1	100
33) Hexachlorobutadiene	11.322	225	184177	17.407	ng/u1	100
34) Caprolactam	11.887	113	78041	19.780	ng/u1	100
35) 4-Chloro-3-methylphenol	12.234	107	278065	16.928	ng/u1	100
36) 2-Methylnaphthalene	12.628	142	637589	20.953	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.846	142	633500	20.992	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.987	216	361028	19.635	ng/ul	100
40) Hexachlorocyclopentadiene	12.975	237	190351	15.986	ng/ul	100
41) 2,4,6-Trichlorophenol	13.222	196	205515	18.063	ng/ul	100
42) 2,4,5-Trichlorophenol	13.287	196	225492	18.616	ng/ul	100
43) 1,1'-Biphenyl	13.622	154	868501	20.845	ng/ul	100
44) 2-Chloronaphthalene	13.669	162	678456	20.595	ng/ul	100
45) 2-Nitroaniline	13.863	65	128438	12.589	ng/ul	100
47) Dimethylphthalate	14.234	163	856849	20.495	ng/ul	100
48) 2,6-Dinitrotoluene	14.351	165	116317	14.240	ng/ul	100
50) Acenaphthylene	14.510	152	1078141	21.819	ng/ul	100
51) 3-Nitroaniline	14.681	138	127932	17.483	ng/ul	100
52) Acenaphthene	14.851	153	733187	20.998	ng/ul	100
53) 2,4-Dinitrophenol	14.881	184	40601	7.676	ng/ul	100
55) 4-Nitrophenol	14.963	109	109486	17.562	ng/ul	100
56) Dibenzofuran	15.181	168	1033887	21.063	ng/ul	100
57) 2,4-Dinitrotoluene	15.134	165	175648	15.160	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.404	232	192481	17.681	ng/ul	100
59) Diethylphthalate	15.598	149	850173	20.464	ng/ul	100
61) Fluorene	15.834	166	862053	21.667	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.822	204	436268	20.410	ng/ul	100
63) 4-Nitroaniline	15.840	138	139357	23.439	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.892	198	81814	10.164	ng/ul	100
67) N-Nitrosodiphenylamine	16.034	169	712165	20.276	ng/ul	100
68) 4-Bromophenyl-phenylether	16.722	248	266037	18.939	ng/ul	100
69) Hexachlorobenzene	16.840	284	307463	19.056	ng/ul	100
70) Atrazine	16.981	200	253047	19.792	ng/ul	100
71) Pentachlorophenol	17.181	266	155308	16.615	ng/ul	100
72) Phenanthrene	17.581	178	1343278	21.389	ng/ul	100
74) Anthracene	17.669	178	1382819	21.846	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.593	216	367331	18.486	ng/ul	100
76) Pentachlorobenzene	15.098	250	362675	18.292	ng/ul	100
77) Carbazole	17.928	167	1213380	22.907	ng/ul	100
78) Di-n-butylphthalate	18.475	149	1376187	20.662	ng/ul	100
80) Fluoranthene	19.528	202	1570525	17.705	ng/ul	100
82) Pyrene	19.881	202	1660761	17.932	ng/ul	100
83) Butylbenzylphthalate	20.739	149	438259	13.738	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.516	252	531901	21.532	ng/ul	100
85) Benzo(a)anthracene	21.592	228	1642615	20.753	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.510	149	764576	17.527	ng/ul	100
87) Chrysene	21.651	228	1554820	20.804	ng/ul	100
89) Di-n-octyl phthalate	22.498	149	1191494	15.476	ng/ul	100
90) Benzo(b)fluoranthene	23.398	252	1633062	20.381	ng/ul	100
91) Benzo(k)fluoranthene	23.451	252	1655817	21.277	ng/ul	100
93) Benzo(a)pyrene	24.074	252	1463533	21.220	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.915	276	1874610	19.757	ng/ul	100
95) Dibenzo(a,h)anthracene	26.939	278	1583231	19.929	ng/ul	100
96) Benzo(g,h,i)perylene	27.757	276	1496735	19.352	ng/ul	100

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

