

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014957.D
 Acq On : 04 May 2023 17:47
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020696

Quant Time: May 04 22:45:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 04 11:40:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.169	152	297147	20.000	ng/u1	0.00
20) Naphthalene-d8	11.004	136	1079177	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.810	164	539146	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.563	188	1060163	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	1110067	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1334868	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	66358	8.303	ng/uL	0.00
4) Pyridine-d5	3.899	84	430326	19.700	ng/u1	0.00
7) Phenol-d5	7.311	99	483120	18.753	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	289357	18.172	ng/u1	0.00
11) 2-Chlorophenol-d4	7.687	132	382310	20.182	ng/u1	0.00
15) 4-Methylphenol-d8	8.875	113	346536	17.455	ng/u1	0.00
21) Nitrobenzene-d5	9.340	128	170651	22.234	ng/u1	0.00
24) 2-Nitrophenol-d4	10.075	143	181825	23.070	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.616	165	324288	20.956	ng/u1	0.00
31) 4-Chloroaniline-d4	11.134	131	405554	18.119	ng/u1	0.00
46) Dimethylphthalate-d6	14.210	166	730878	19.154	ng/u1	0.00
49) Acenaphthylene-d8	14.504	160	927764	20.273	ng/u1	0.00
54) 4-Nitrophenol-d4	14.992	143	126966	19.126	ng/u1	0.00
60) Fluorene-d10	15.798	176	638197	19.440	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.916	200	99573	16.684	ng/u1	0.00
73) Anthracene-d10	17.663	188	962170	20.199	ng/u1	0.00
81) Pyrene-d10	19.880	212	1161753	15.517	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.074	264	1308988	20.126	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.499	88	71383	8.244	ng/uL	100
5) Pyridine	3.922	79	453161	19.928	ng/u1	97
6) Benzaldehyde	7.293	77	160845	22.836	ng/u1	99
8) Phenol	7.340	94	499093	18.453	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.575	93	409985	18.237	ng/u1	100
12) 2-Chlorophenol	7.722	128	402897	19.633	ng/u1	99
13) 2-Methylphenol	8.610	108	365137	18.105	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.705	45	494544	17.343	ng/u1	99
16) Acetophenone	8.999	105	558603	17.208	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.981	70	274359	16.584	ng/u1	99
18) 4-Methylphenol	8.940	108	382235	17.145	ng/u1	97
19) Hexachloroethane	9.263	117	172613	19.388	ng/u1	97
22) Nitrobenzene	9.387	77	423897	21.019	ng/u1	97
23) Isophorone	9.916	82	747820	18.763	ng/u1	100
25) 2-Nitrophenol	10.105	139	197808	21.823	ng/u1	99
26) 2,4-Dimethylphenol	10.157	107	393816	20.020	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.399	93	483635	18.981	ng/u1	99
29) 2,4-Dichlorophenol	10.640	162	328859	20.545	ng/u1	99
30) Naphthalene	11.052	128	1154650	19.465	ng/u1	100
32) 4-Chloroaniline	11.157	127	422103	18.071	ng/u1	98
33) Hexachlorobutadiene	11.334	225	225930	21.875	ng/u1	98
34) Caprolactam	11.928	113	84990	17.235	ng/u1	97
35) 4-Chloro-3-methylphenol	12.269	107	306664	18.637	ng/u1	99
36) 2-Methylnaphthalene	12.651	142	690179	18.814	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.869	142	692142	18.304	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.010	216	366564	21.797	ng/ul	99
40) Hexachlorocyclopentadiene	12.993	237	185737	16.379	ng/ul	99
41) 2,4,6-Trichlorophenol	13.246	196	226245	21.833	ng/ul	99
42) 2,4,5-Trichlorophenol	13.316	196	239891	21.479	ng/ul	96
43) 1,1'-Biphenyl	13.646	154	878661	20.385	ng/ul	100
44) 2-Chloronaphthalene	13.693	162	692094	20.613	ng/ul	99
45) 2-Nitroaniline	13.893	65	172333	22.041	ng/ul	100
47) Dimethylphthalate	14.257	163	764967	19.066	ng/ul	99
48) 2,6-Dinitrotoluene	14.381	165	148342	20.922	ng/ul	97
50) Acenaphthylene	14.534	152	1037422	19.996	ng/ul	100
51) 3-Nitroaniline	14.710	138	138903	21.652	ng/ul	98
52) Acenaphthene	14.875	153	702812	19.575	ng/ul	99
53) 2,4-Dinitrophenol	14.916	184	64100	14.854	ng/ul	97
55) 4-Nitrophenol	15.004	109	98985	19.590	ng/ul	96
56) Dibenzofuran	15.210	168	944794	19.502	ng/ul	99
57) 2,4-Dinitrotoluene	15.163	165	202194	20.360	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.428	232	189544	20.853	ng/ul	96
59) Diethylphthalate	15.616	149	726061	19.151	ng/ul	99
61) Fluorene	15.857	166	752000	19.678	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.845	204	362160	19.365	ng/ul	98
63) 4-Nitroaniline	15.869	138	133825	24.993	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.934	198	104890	16.569	ng/ul	95
67) N-Nitrosodiphenylamine	16.057	169	609598	18.945	ng/ul	99
68) 4-Bromophenyl-phenylether	16.745	248	214982	19.493	ng/ul	96
69) Hexachlorobenzene	16.863	284	254631	19.601	ng/ul	98
70) Atrazine	17.010	200	211109	19.497	ng/ul	98
71) Pentachlorophenol	17.210	266	159430	21.023	ng/ul	99
72) Phenanthrene	17.610	178	1144353	19.538	ng/ul	100
74) Anthracene	17.698	178	1158505	19.867	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.616	216	360748	20.556	ng/uL	98
76) Pentachlorobenzene	15.128	250	323771	19.392	ng/uL	98
77) Carbazole	17.963	167	1039730	21.199	ng/ul	99
78) Di-n-butylphthalate	18.492	149	1164972	21.242	ng/ul	100
80) Fluoranthene	19.557	202	1405461	15.298	ng/ul	97
82) Pyrene	19.910	202	1495067	15.360	ng/ul	96
83) Butylbenzylphthalate	20.763	149	596206	20.402	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.551	252	411938	22.048	ng/ul	98
85) Benzo(a)anthracene	21.627	228	1511528	20.400	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.527	149	835514	22.723	ng/ul	99
87) Chrysene	21.686	228	1471529	19.724	ng/ul	100
89) Di-n-octyl phthalate	22.516	149	1562708	20.050	ng/ul	100
90) Benzo(b)fluoranthene	23.439	252	1662482	19.271	ng/ul	99
91) Benzo(k)fluoranthene	23.492	252	1603584	18.264	ng/ul	99
93) Benzo(a)pyrene	24.127	252	1482086	19.589	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.004	276	1995421	21.621	ng/ul	99
95) Dibenzo(a,h)anthracene	27.021	278	1647294	21.777	ng/ul	100
96) Benzo(g,h,i)perylene	27.857	276	1647287	20.972	ng/ul	96

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

