

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014975.D
 Acq On : 05 May 2023 04:55
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020697

Quant Time: May 05 06:21:33 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	339079	20.000	ng/u1	0.00
20) Naphthalene-d8	11.004	136	1323348	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.810	164	673345	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.569	188	1145616	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	1013537	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1236670	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.464	96	72868	7.990	ng/uL	0.00
4) Pyridine-d5	3.905	84	486657	19.524	ng/u1	0.00
7) Phenol-d5	7.310	99	578625	19.683	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	348311	19.169	ng/u1	0.00
11) 2-Chlorophenol-d4	7.693	132	450269	20.830	ng/u1	0.00
15) 4-Methylphenol-d8	8.881	113	431311	19.039	ng/u1	0.00
21) Nitrobenzene-d5	9.346	128	212251	22.552	ng/u1	0.00
24) 2-Nitrophenol-d4	10.075	143	232590	24.066	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.616	165	409102	21.559	ng/u1	0.00
31) 4-Chloroaniline-d4	11.134	131	497909	18.140	ng/u1	0.00
46) Dimethylphthalate-d6	14.210	166	962558	20.198	ng/u1	0.00
49) Acenaphthylene-d8	14.504	160	1167776	20.432	ng/u1	0.00
54) 4-Nitrophenol-d4	14.992	143	146162	17.630	ng/u1	0.00
60) Fluorene-d10	15.798	176	782413	19.083	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.922	200	92139	14.287	ng/u1	0.01
73) Anthracene-d10	17.663	188	1030792	20.025	ng/u1	0.00
81) Pyrene-d10	19.880	212	1109381	16.229	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.074	264	1217622	20.208	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.499	88	76784	7.772	ng/uL	96
5) Pyridine	3.922	79	507764	19.567	ng/u1	98
6) Benzaldehyde	7.293	77	194703	24.224	ng/u1	98
8) Phenol	7.340	94	598700	19.398	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.575	93	489585	19.085	ng/u1	98
12) 2-Chlorophenol	7.722	128	476227	20.337	ng/u1	99
13) 2-Methylphenol	8.610	108	445038	19.338	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.705	45	595181	18.291	ng/u1	99
16) Acetophenone	8.999	105	698710	18.863	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.987	70	348417	18.456	ng/u1	99
18) 4-Methylphenol	8.946	108	475413	18.687	ng/u1	100
19) Hexachloroethane	9.263	117	197276	19.417	ng/u1	97
22) Nitrobenzene	9.387	77	521640	21.094	ng/u1	98
23) Isophorone	9.916	82	957284	19.587	ng/u1	99
25) 2-Nitrophenol	10.104	139	248052	22.317	ng/u1	98
26) 2,4-Dimethylphenol	10.157	107	494988	20.521	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.399	93	613525	19.636	ng/u1	99
29) 2,4-Dichlorophenol	10.646	162	412789	21.031	ng/u1	99
30) Naphthalene	11.051	128	1423835	19.574	ng/u1	100
32) 4-Chloroaniline	11.163	127	520462	18.171	ng/u1	99
33) Hexachlorobutadiene	11.334	225	272615	21.525	ng/u1	99
34) Caprolactam	11.934	113	114725	18.973	ng/u1	97
35) 4-Chloro-3-methylphenol	12.269	107	404378	20.041	ng/u1	99
36) 2-Methylnaphthalene	12.651	142	879273	19.546	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.869	142	871829	18.802	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.010	216	459790	21.891	ng/ul	99
40) Hexachlorocyclopentadiene	12.987	237	189145	13.355	ng/ul	99
41) 2,4,6-Trichlorophenol	13.251	196	293685	22.692	ng/ul	99
42) 2,4,5-Trichlorophenol	13.322	196	306456	21.970	ng/ul	96
43) 1,1'-Biphenyl	13.645	154	1124466	20.888	ng/ul	100
44) 2-Chloronaphthalene	13.692	162	874526	20.855	ng/ul	100
45) 2-Nitroaniline	13.892	65	225253	23.067	ng/ul	99
47) Dimethylphthalate	14.257	163	1001469	19.985	ng/ul	99
48) 2,6-Dinitrotoluene	14.381	165	194964	22.017	ng/ul	99
50) Acenaphthylene	14.534	152	1304050	20.125	ng/ul	99
51) 3-Nitroaniline	14.710	138	192299	24.001	ng/ul	99
52) Acenaphthene	14.875	153	879955	19.625	ng/ul	99
53) 2,4-Dinitrophenol	14.922	184	59989	11.131	ng/ul	93
55) 4-Nitrophenol	15.010	109	113845	18.040	ng/ul	95
56) Dibenzofuran	15.210	168	1170194	19.341	ng/ul	99
57) 2,4-Dinitrotoluene	15.169	165	251236	20.256	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.434	232	228613	20.138	ng/ul	92
59) Diethylphthalate	15.616	149	935947	19.767	ng/ul	98
61) Fluorene	15.857	166	904355	18.948	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.845	204	451817	19.345	ng/ul	97
63) 4-Nitroaniline	15.875	138	176201	26.348	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.934	198	97579	14.265	ng/ul	99
67) N-Nitrosodiphenylamine	16.057	169	746299	21.463	ng/ul	98
68) 4-Bromophenyl-phenylether	16.745	248	259523	21.776	ng/ul	95
69) Hexachlorobenzene	16.869	284	288890	20.579	ng/ul	96
70) Atrazine	17.010	200	250999	21.452	ng/ul	99
71) Pentachlorophenol	17.210	266	166739	20.347	ng/ul	97
72) Phenanthrene	17.610	178	1244263	19.660	ng/ul	100
74) Anthracene	17.698	178	1250384	19.844	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.616	216	454866	23.985	ng/ul	98
76) Pentachlorobenzene	15.128	250	405728	22.488	ng/ul	100
77) Carbazole	17.963	167	1068723	20.165	ng/ul	99
78) Di-n-butylphthalate	18.492	149	1330246	22.446	ng/ul	100
80) Fluoranthene	19.557	202	1359826	16.211	ng/ul	98
82) Pyrene	19.910	202	1433165	16.127	ng/ul	98
83) Butylbenzylphthalate	20.763	149	556342	20.851	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.551	252	321823	18.865	ng/ul	97
85) Benzo(a)anthracene	21.627	228	1395522	20.628	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.527	149	774155	23.059	ng/ul#	99
87) Chrysene	21.686	228	1323487	19.430	ng/ul	99
89) Di-n-octyl phthalate	22.516	149	1433817	19.857	ng/ul	100
90) Benzo(b)fluoranthene	23.445	252	1511331	18.910	ng/ul	100
91) Benzo(k)fluoranthene	23.498	252	1503954	18.489	ng/ul	98
93) Benzo(a)pyrene	24.127	252	1373461	19.595	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.009	276	1864405	21.806	ng/ul	100
95) Dibenzo(a,h)anthracene	27.027	278	1526637	21.785	ng/ul	99
96) Benzo(g,h,i)perylene	27.862	276	1533972	21.080	ng/ul	98

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

