

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022223\
 Data File : BP013868.D
 Acq On : 22 Feb 2023 09:31
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020766

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/27/2023
 Supervised By :Jagrut Upadhyay 02/28/2023

Quant Time: Feb 23 03:13:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 22 01:41:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	178974	20.000	ng/u1	0.00
20) Naphthalene-d8	10.928	136	829312	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.739	164	580598	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.498	188	1294324	20.000	ng/u1	0.00
79) Chrysene-d12	21.574	240	1194944	20.000	ng/u1	# 0.00
88) Perylene-d12	24.127	264	1524816	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	29509	6.834	ng/uL	0.00
4) Pyridine-d5	3.887	84	212342	16.587	ng/u1	0.00
7) Phenol-d5	7.252	99	264863	16.610	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.422	67	151244	16.186	ng/u1	0.00
11) 2-Chlorophenol-d4	7.628	132	206551	17.596	ng/u1	0.00
15) 4-Methylphenol-d8	8.810	113	248965	19.101	ng/u1	0.00
21) Nitrobenzene-d5	9.275	128	114996	19.930	ng/u1	0.00
24) 2-Nitrophenol-d4	10.004	143	136373	20.470	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	267956	19.736	ng/u1	0.00
31) 4-Chloroaniline-d4	11.063	131	353553	18.371	ng/u1	0.00
46) Dimethylphthalate-d6	14.140	166	852643	18.645	ng/u1	0.00
49) Acenaphthylene-d8	14.434	160	937199	18.933	ng/u1	0.00
54) 4-Nitrophenol-d4	14.928	143	141290	17.343	ng/u1	0.00
60) Fluorene-d10	15.734	176	721473	18.523	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.845	200	158750	19.992	ng/u1	0.00
73) Anthracene-d10	17.592	188	1101018	18.603	ng/u1	0.00
81) Pyrene-d10	19.816	212	1283018	18.934	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.957	264	1445218	18.916	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.487	88	31246	6.741	ng/uL	98
5) Pyridine	3.905	79	205745	16.263	ng/u1	99
6) Benzaldehyde	7.234	77	123530m	17.178	ng/u1	
8) Phenol	7.275	94	267275	16.328	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.516	93	214058	16.319	ng/u1	96
12) 2-Chlorophenol	7.663	128	217153	18.029	ng/u1	99
13) 2-Methylphenol	8.540	108	237164	18.982	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.634	45	270173	18.108	ng/u1	96
16) Acetophenone	8.934	105	399492	19.113	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.916	70	201287	19.392	ng/u1	97
18) 4-Methylphenol	8.875	108	261199	18.935	ng/u1	98
19) Hexachloroethane	9.199	117	103118	20.907	ng/u1	93
22) Nitrobenzene	9.322	77	291680	19.214	ng/u1	99
23) Isophorone	9.846	82	589429	18.404	ng/u1	98
25) 2-Nitrophenol	10.034	139	142969	19.799	ng/u1	94
26) 2,4-Dimethylphenol	10.087	107	307117	19.102	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.328	93	352475	18.224	ng/u1	98
29) 2,4-Dichlorophenol	10.569	162	261036	19.530	ng/u1	99
30) Naphthalene	10.981	128	820293	18.581	ng/u1	100
32) 4-Chloroaniline	11.087	127	355929	18.346	ng/u1	98
33) Hexachlorobutadiene	11.263	225	196205	20.839	ng/u1	98
34) Caprolactam	11.863	113	83173	17.734	ng/u1	95
35) 4-Chloro-3-methylphenol	12.198	107	296011	19.183	ng/u1	99
36) 2-Methylnaphthalene	12.581	142	556661	17.934	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.798	142	571116	17.808	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.940	216	358516	19.595	ng/ul	99
40) Hexachlorocyclopentadiene	12.916	237	235142	20.016	ng/ul	98
41) 2,4,6-Trichlorophenol	13.175	196	234785	19.555	ng/ul	99
42) 2,4,5-Trichlorophenol	13.245	196	254996	19.621	ng/ul	98
43) 1,1'-Biphenyl	13.575	154	802527	18.421	ng/ul	99
44) 2-Chloronaphthalene	13.622	162	639908	18.671	ng/ul	99
45) 2-Nitroaniline	13.822	65	168490	20.411	ng/ul	98
47) Dimethylphthalate	14.187	163	850682	18.756	ng/ul	99
48) 2,6-Dinitrotoluene	14.316	165	167081	21.085	ng/ul	97
50) Acenaphthylene	14.463	152	998062	18.690	ng/ul	98
51) 3-Nitroaniline	14.645	138	144816	18.484	ng/ul	96
52) Acenaphthene	14.804	153	685559	18.342	ng/ul	100
53) 2,4-Dinitrophenol	14.851	184	98329	17.401	ng/ul	93
55) 4-Nitrophenol	14.939	109	131144	18.346	ng/ul	97
56) Dibenzofuran	15.139	168	985538	18.392	ng/ul	98
57) 2,4-Dinitrotoluene	15.098	165	238464	20.185	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.363	232	239685	19.567	ng/ul	97
59) Diethylphthalate	15.551	149	836277	18.362	ng/ul	99
61) Fluorene	15.786	166	800906	18.320	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.775	204	431047	18.963	ng/ul	98
63) 4-Nitroaniline	15.804	138	126612	17.066	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.863	198	154843	19.891	ng/ul	93
67) N-Nitrosodiphenylamine	15.992	169	682245	19.393	ng/ul	99
68) 4-Bromophenyl-phenylether	16.675	248	275901	20.185	ng/ul	98
69) Hexachlorobenzene	16.798	284	326042	20.471	ng/ul	96
70) Atrazine	16.939	200	278726	19.811	ng/ul	98
71) Pentachlorophenol	17.139	266	196856	18.994	ng/ul	99
72) Phenanthrene	17.539	178	1253671	18.304	ng/ul	100
74) Anthracene	17.628	178	1267963	18.401	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.545	216	361265	20.909	ng/uL	99
76) Pentachlorobenzene	15.057	250	375660	21.069	ng/uL	98
77) Carbazole	17.892	167	1115384	18.375	ng/ul	100
78) Di-n-butylphthalate	18.422	149	1348536	18.317	ng/ul	99
80) Fluoranthene	19.486	202	1505857	19.411	ng/ul	97
82) Pyrene	19.839	202	1533692	18.543	ng/ul	95
83) Butylbenzylphthalate	20.692	149	571494	20.189	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.474	252	522032	19.411	ng/ul	98
85) Benzo(a)anthracene	21.557	228	1520320	18.620	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.451	149	854627	19.716	ng/ul#	98
87) Chrysene	21.610	228	1435605	18.636	ng/ul	98
89) Di-n-octyl phthalate	22.427	149	1426456	13.595	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	1838689	18.084	ng/ul#	97
91) Benzo(k)fluoranthene	23.386	252	1791463	17.760	ng/ul	98
93) Benzo(a)pyrene	24.010	252	1583485	18.375	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.809	276	1954511	20.220	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.833	278	1631030	20.200	ng/ul#	97
96) Benzo(g,h,i)perylene	27.639	276	1558209	20.248	ng/ul#	96

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

