

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053023\
 Data File : BP015345.D
 Acq On : 30 May 2023 21:03
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020732

Quant Time: May 31 07:07:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 30 15:23:22 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/31/2023
 Supervised By : Jagrut Upadhyay 05/31/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	152467	20.000	ng/u1	0.00
20) Naphthalene-d8	10.940	136	682289	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.751	164	471756	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.510	188	1106876	20.000	ng/u1	0.00
79) Chrysene-d12	21.586	240	1104426	20.000	ng/u1	-0.01
88) Perylene-d12	24.145	264	1298535	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.417	96	31833	8.112	ng/uL	0.00
4) Pyridine-d5	3.858	84	217459	19.550	ng/u1	0.00
7) Phenol-d5	7.263	99	289417	20.445	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	168873	20.655	ng/u1	0.00
11) 2-Chlorophenol-d4	7.634	132	215902	20.743	ng/u1	0.00
15) 4-Methylphenol-d8	8.828	113	237260	21.033	ng/u1	0.00
21) Nitrobenzene-d5	9.287	128	116306	21.693	ng/u1	0.00
24) 2-Nitrophenol-d4	10.016	143	135504	22.715	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.557	165	240145	22.309	ng/u1	0.00
31) 4-Chloroaniline-d4	11.075	131	355310	22.308	ng/u1	0.00
46) Dimethylphthalate-d6	14.157	166	788002	22.105	ng/u1	0.00
49) Acenaphthylene-d8	14.445	160	880283	21.591	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.951	143	148026	21.384	ng/u1	-0.01
60) Fluorene-d10	15.745	176	678485	22.556	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	155057	22.228	ng/u1	-0.01
73) Anthracene-d10	17.604	188	1095181	21.608	ng/u1	-0.01
81) Pyrene-d10	19.828	212	1295598	20.226	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	1361024	21.114	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.452	88	33457	7.935	ng/uL#	95
5) Pyridine	3.875	79	230941	19.963	ng/u1	91
6) Benzaldehyde	7.240	77	107822	27.711	ng/u1	97
8) Phenol	7.293	94	295669	20.368	ng/u1#	88
10) Bis(2-Chloroethyl)ether	7.522	93	234424	20.185	ng/u1	97
12) 2-Chlorophenol	7.669	128	228926	20.794	ng/u1	98
13) 2-Methylphenol	8.558	108	231290	20.616	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.634	45	306647	21.075	ng/u1	98
16) Acetophenone	8.946	105	392993	22.322	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.922	70	206545	22.370	ng/u1	93
18) 4-Methylphenol	8.887	108	256502	20.772	ng/u1	97
19) Hexachloroethane	9.199	117	96934	21.564	ng/u1	87
22) Nitrobenzene	9.328	77	299621	22.627	ng/u1	98
23) Isophorone	9.857	82	601972	22.117	ng/u1	99
25) 2-Nitrophenol	10.046	139	146842	22.447	ng/u1#	87
26) 2,4-Dimethylphenol	10.105	107	296550	22.717	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.340	93	341304	20.610	ng/u1	98
29) 2,4-Dichlorophenol	10.587	162	246670	22.686	ng/u1	99
30) Naphthalene	10.993	128	788279	21.251	ng/u1	100
32) 4-Chloroaniline	11.104	127	370441	22.630	ng/u1	97
33) Hexachlorobutadiene	11.269	225	161455	24.637	ng/u1	98
34) Caprolactam	11.881	113	94276	22.997	ng/u1	88
35) 4-Chloro-3-methylphenol	12.216	107	287125	23.386	ng/u1	98
36) 2-Methylnaphthalene	12.587	142	550052	22.008	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.804	142	554373	22.088	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.951	216	313071	22.189	ng/ul	98
40) Hexachlorocyclopentadiene	12.928	237	154781	16.932	ng/ul	98
41) 2,4,6-Trichlorophenol	13.193	196	217691	21.850	ng/ul	98
42) 2,4,5-Trichlorophenol	13.269	196	234180	21.679	ng/ul	99
43) 1,1'-Biphenyl	13.587	154	774076	21.148	ng/ul	100
44) 2-Chloronaphthalene	13.634	162	611116	21.379	ng/ul	99
45) 2-Nitroaniline	13.840	65	201412	24.626	ng/ul	90
47) Dimethylphthalate	14.204	163	823911	22.192	ng/ul	99
48) 2,6-Dinitrotoluene	14.328	165	174524	23.728	ng/ul	95
50) Acenaphthylene	14.475	152	971584	21.357	ng/ul	99
51) 3-Nitroaniline	14.657	138	143872	21.723	ng/ul	98
52) Acenaphthene	14.816	153	663660	21.360	ng/ul	99
53) 2,4-Dinitrophenol	14.875	184	103737	21.242	ng/ul	87
55) 4-Nitrophenol	14.969	109	138076	27.120	ng/ul#	81
56) Dibenzofuran	15.151	168	949722	21.976	ng/ul	98
57) 2,4-Dinitrotoluene	15.122	165	256311	24.082	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.381	232	214500	23.528	ng/ul	95
59) Diethylphthalate	15.557	149	841814	22.734	ng/ul	99
61) Fluorene	15.804	166	771025	22.201	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.787	204	390763	23.028	ng/ul	95
63) 4-Nitroaniline	15.822	138	135846	23.752	ng/ul#	86
66) 4,6-Dinitro-2-methylph...	15.887	198	155620	21.616	ng/ul	99
67) N-Nitrosodiphenylamine	16.004	169	680105	20.896	ng/ul	99
68) 4-Bromophenyl-phenylether	16.686	248	260879	22.882	ng/ul	99
69) Hexachlorobenzene	16.810	284	310739	23.064	ng/ul	97
70) Atrazine	16.957	200	276650	22.997	ng/ul	99
71) Pentachlorophenol	17.157	266	185848	22.052	ng/ul	99
72) Phenanthrene	17.551	178	1280332	21.242	ng/ul	99
74) Anthracene	17.639	178	1306627	21.438	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.557	216	325284	20.727	ng/uL	99
76) Pentachlorobenzene	15.069	250	344397	21.856	ng/uL	99
77) Carbazole	17.910	167	1192868	22.319	ng/ul	100
78) Di-n-butylphthalate	18.433	149	1493214	21.695	ng/ul	99
80) Fluoranthene	19.504	202	1573001	20.148	ng/ul	96
82) Pyrene	19.857	202	1632095	20.244	ng/ul	95
83) Butylbenzylphthalate	20.710	149	730517	20.439	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.492	252	585965	24.158	ng/ul	98
85) Benzo(a)anthracene	21.569	228	1632565	21.378	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.463	149	1071185	20.817	ng/ul	99
87) Chrysene	21.627	228	1555845	21.313	ng/ul	98
89) Di-n-octyl phthalate	22.433	149	1862906	20.947	ng/ul	100
90) Benzo(b)fluoranthene	23.357	252	1738274	21.116	ng/ul	98
91) Benzo(k)fluoranthene	23.410	252	1687741m	21.351	ng/ul	
93) Benzo(a)pyrene	24.033	252	1509767	20.749	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.857	276	1859996	19.742	ng/ul	95
95) Dibenzo(a,h)anthracene	26.868	278	1543523	19.958	ng/ul	97
96) Benzo(g,h,i)perylene	27.692	276	1471498	19.154	ng/ul	96

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

