

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052322\
 Data File : BP010510.D
 Acq On : 24 May 2022 11:47
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020667

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/25/2022
 Supervised By :Yogesh Patel 05/26/2022

Quant Time: May 24 23:15:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 05:50:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	148434	20.000	ng/u1	0.00
20) Naphthalene-d8	10.687	136	668710	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.516	164	458676	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.269	188	1010362	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.351	240	974005	20.000	ng/u1	0.00
88) Perylene-d12	23.774	264	770804	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	24135m	6.931	ng/uL	0.00
4) Pyridine-d5	3.758	84	175514	17.751	ng/u1	0.00
7) Phenol-d5	7.052	99	230531	18.504	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	155014m	18.519	ng/u1	0.00
11) 2-Chlorophenol-d4	7.416	132	186304m	19.543	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	194588	18.379	ng/u1	0.00
21) Nitrobenzene-d5	9.046	128	97716	18.881	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	105132	19.168	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	196933	18.989	ng/u1	0.00
31) 4-Chloroaniline-d4	10.822	131	274074	17.774	ng/u1	0.00
46) Dimethylphthalate-d6	13.928	166	622516	18.421	ng/u1	0.00
49) Acenaphthylene-d8	14.210	160	733396	18.815	ng/u1	0.00
54) 4-Nitrophenol-d4	14.716	143	99241	16.499	ng/u1	0.00
60) Fluorene-d10	15.510	176	547105	18.609	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.633	200	90623	15.336	ng/u1	0.00
73) Anthracene-d10	17.369	188	867904	18.970	ng/u1	0.00
81) Pyrene-d10	19.598	212	1037535	20.058	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.615	264	730972	18.886	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.375	88	24820	6.880	ng/uL#	6
5) Pyridine	3.775	79	183743	17.881	ng/u1#	29
6) Benzaldehyde	7.028	77	138205	20.985	ng/u1	97
8) Phenol	7.081	94	247905	18.445	ng/u1#	90
10) Bis(2-Chloroethyl)ether	7.310	93	194170	18.374	ng/u1#	73
12) 2-Chlorophenol	7.452	128	187036	18.794	ng/u1	96
13) 2-Methylphenol	8.328	108	185608	18.499	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.416	45	333134	19.343	ng/u1#	81
16) Acetophenone	8.710	105	312044	18.758	ng/u1#	74
17) N-Nitroso-di-n-propyla...	8.693	70	168492	18.926	ng/u1#	69
18) 4-Methylphenol	8.657	108	209989	18.936	ng/u1	92
19) Hexachloroethane	8.963	117	79598	18.390	ng/u1#	81
22) Nitrobenzene	9.087	77	253616	18.648	ng/u1#	81
23) Isophorone	9.616	82	467434	18.595	ng/u1#	97
25) 2-Nitrophenol	9.804	139	113122	18.784	ng/u1#	83
26) 2,4-Dimethylphenol	9.863	107	241740	18.500	ng/u1#	79
27) Bis(2-Chloroethoxy)met...	10.098	93	274446	18.336	ng/u1#	98
29) 2,4-Dichlorophenol	10.334	162	198932	18.762	ng/u1#	83
30) Naphthalene	10.734	128	654801	18.747	ng/u1	97
32) 4-Chloroaniline	10.845	127	276002	18.036	ng/u1	99
33) Hexachlorobutadiene	11.028	225	136928	18.224	ng/u1	96
34) Caprolactam	11.622	113	68880m	18.614	ng/u1	
35) 4-Chloro-3-methylphenol	11.975	107	231369	18.653	ng/u1#	69
36) 2-Methylnaphthalene	12.345	142	458594	18.547	ng/u1	91

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37) 1-Methylnaphthalene	12.563	142	462368	18.520	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.716	216	265361	18.958	ng/ul#	91
40) Hexachlorocyclopentadiene	12.698	237	136691	17.962	ng/ul	97
41) 2,4,6-Trichlorophenol	12.957	196	165244	18.939	ng/ul#	81
42) 2,4,5-Trichlorophenol	13.028	196	191013m	19.607	ng/ul	
43) 1,1'-Biphenyl	13.351	154	632278	18.780	ng/ul#	93
44) 2-Chloronaphthalene	13.392	162	491810	18.913	ng/ul	95
45) 2-Nitroaniline	13.598	65	169764	19.837	ng/ul#	75
47) Dimethylphthalate	13.975	163	611458	18.241	ng/ul#	92
48) 2,6-Dinitrotoluene	14.092	165	130912	19.158	ng/ul	99
50) Acenaphthylene	14.239	152	794667	18.845	ng/ul	96
51) 3-Nitroaniline	14.422	138	119070	18.566	ng/ul#	87
52) Acenaphthene	14.581	153	512505	18.631	ng/ul	98
53) 2,4-Dinitrophenol	14.634	184	64830	16.993	ng/ul#	76
55) 4-Nitrophenol	14.734	109	91329	17.076	ng/ul#	47
56) Dibenzofuran	14.916	168	755771	18.747	ng/ul	98
57) 2,4-Dinitrotoluene	14.881	165	190874	19.404	ng/ul#	73
58) 2,3,4,6-Tetrachlorophenol	15.145	232	155795	18.597	ng/ul#	86
59) Diethylphthalate	15.339	149	635670	18.584	ng/ul#	93
61) Fluorene	15.569	166	622427	18.880	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.563	204	314882	18.361	ng/ul	99
63) 4-Nitroaniline	15.586	138	120079	18.962	ng/ul#	78
66) 4,6-Dinitro-2-methylph...	15.651	198	91817	15.581	ng/ul#	88
67) N-Nitrosodiphenylamine	15.775	169	524589	18.514	ng/ul	93
68) 4-Bromophenyl-phenylether	16.457	248	192604	18.510	ng/ul	96
69) Hexachlorobenzene	16.581	284	218184m	18.229	ng/ul	
70) Atrazine	16.728	200	202164	17.810	ng/ul	91
71) Pentachlorophenol	16.922	266	126244	16.810	ng/ul#	83
72) Phenanthrene	17.310	178	1008192	18.698	ng/ul	100
74) Anthracene	17.404	178	1024537	18.940	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.322	216	280360	18.259	ng/uL#	88
76) Pentachlorobenzene	14.839	250	259043	18.594	ng/uL	92
77) Carbazole	17.675	167	868010	18.259	ng/ul#	95
78) Di-n-butylphthalate	18.222	149	1090071	18.827	ng/ul#	93
80) Fluoranthene	19.274	202	1218133	20.265	ng/ul	97
82) Pyrene	19.627	202	1257947	20.053	ng/ul	96
83) Butylbenzylphthalate	20.498	149	516102	20.575	ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.268	252	336232	17.175	ng/ul#	94
85) Benzo(a)anthracene	21.339	228	1145938	18.814	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.263	149	738941	20.075	ng/ul#	82
87) Chrysene	21.392	228	1116004	18.628	ng/ul	99
89) Di-n-octyl phthalate	22.192	149	1251743	21.647	ng/ul	100
90) Benzo(b)fluoranthene	23.033	252	985008	19.172	ng/ul	100
91) Benzo(k)fluoranthene	23.080	252	941182	19.275	ng/ul#	96
93) Benzo(a)pyrene	23.668	252	894381	18.737	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.292	276	865749	19.279	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.309	278	747749	19.190	ng/ul#	95
96) Benzo(g,h,i)perylene	27.062	276	738784	19.703	ng/ul#	90

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

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