

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050222\
 Data File : BP010222.D
 Acq On : 04 May 2022 00:00
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020787

Quant Time: May 04 03:57:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 03 00:58:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/04/2022
 Supervised By :Yogesh Patel 05/05/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	177148	20.000	ng/u1	0.00
20) Naphthalene-d8	10.722	136	709074	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	425362	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.304	188	846250	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.380	240	791339	20.000	ng/u1	#-0.01
88) Perylene-d12	23.827	264	757634	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	33160	8.163	ng/uL	0.00
4) Pyridine-d5	3.770	84	213974	18.723	ng/u1	0.00
7) Phenol-d5	7.081	99	301419	18.706	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.246	67	201819	20.874	ng/u1	0.00
11) 2-Chlorophenol-d4	7.452	132	244076	20.453	ng/u1	0.00
15) 4-Methylphenol-d8	8.628	113	238590	17.872	ng/u1	0.00
21) Nitrobenzene-d5	9.075	128	121158	21.483	ng/u1	0.00
24) 2-Nitrophenol-d4	9.799	143	134028	21.761	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.340	165	239874	20.005	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.857	131	309401	17.996	ng/u1	0.00
46) Dimethylphthalate-d6	13.957	166	659297	19.925	ng/u1	0.00
49) Acenaphthylene-d8	14.240	160	839154	20.955	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.745	143	98610	16.188	ng/u1	0.00
60) Fluorene-d10	15.545	176	562632	19.767	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.663	200	96589	18.051	ng/u1	0.00
73) Anthracene-d10	17.398	188	845113	20.642	ng/u1	-0.01
81) Pyrene-d10	19.633	212	964392	21.429	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.669	264	838711	21.116	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	33129	7.848	ng/uL#	27
5) Pyridine	3.793	79	233594	19.664	ng/u1#	49
6) Benzaldehyde	7.058	77	187976	21.830	ng/u1	97
8) Phenol	7.111	94	304185	18.788	ng/u1#	93
10) Bis(2-Chloroethyl)ether	7.340	93	256187	20.538	ng/u1#	78
12) 2-Chlorophenol	7.481	128	242511	20.147	ng/u1	92
13) 2-Methylphenol	8.363	108	229506	18.483	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.452	45	391940	21.176	ng/u1#	85
16) Acetophenone	8.740	105	385751	18.520	ng/u1#	80
17) N-Nitroso-di-n-propyla...	8.728	70	201904	18.501	ng/u1#	73
18) 4-Methylphenol	8.693	108	247066	18.072	ng/u1	94
19) Hexachloroethane	9.005	117	106451	21.047	ng/u1	84
22) Nitrobenzene	9.122	77	295990	21.422	ng/u1#	83
23) Isophorone	9.652	82	536184	19.647	ng/u1	97
25) 2-Nitrophenol	9.834	139	138208	21.187	ng/u1#	82
26) 2,4-Dimethylphenol	9.893	107	284778	20.164	ng/u1#	80
27) Bis(2-Chloroethoxy)met...	10.128	93	335448	20.971	ng/u1#	97
29) 2,4-Dichlorophenol	10.369	162	234419	20.338	ng/u1#	84
30) Naphthalene	10.769	128	783738	21.118	ng/u1	97
32) 4-Chloroaniline	10.881	127	302719	17.868	ng/u1	96
33) Hexachlorobutadiene	11.063	225	178789	21.887	ng/u1	96
34) Caprolactam	11.651	113	61348m	14.797	ng/u1	
35) 4-Chloro-3-methylphenol	12.004	107	245640	17.642	ng/u1#	69
36) 2-Methylnaphthalene	12.381	142	526107	19.546	ng/u1	92

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37) 1-Methylnaphthalene	12.599	142	526671	19.271	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.751	216	303684	23.109	ng/ul	93
40) Hexachlorocyclopentadiene	12.734	237	162618	21.957	ng/ul	96
41) 2,4,6-Trichlorophenol	12.987	196	180757	21.258	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.057	196	190645	20.607	ng/ul#	86
43) 1,1'-Biphenyl	13.387	154	704608	22.459	ng/ul	93
44) 2-Chloronaphthalene	13.428	162	540371	22.257	ng/ul	93
45) 2-Nitroaniline	13.628	65	151861	19.290	ng/ul#	79
47) Dimethylphthalate	14.004	163	639726	19.893	ng/ul#	93
48) 2,6-Dinitrotoluene	14.122	165	128835	19.522	ng/ul	96
50) Acenaphthylene	14.269	152	832326	20.983	ng/ul	95
51) 3-Nitroaniline	14.451	138	75227	12.584	ng/ul#	85
52) Acenaphthene	14.616	153	543230	21.061	ng/ul	98
53) 2,4-Dinitrophenol	14.663	184	55118	14.946	ng/ul#	78
55) 4-Nitrophenol	14.757	109	82622	15.612	ng/ul#	38
56) Dibenzofuran	14.945	168	767609	20.098	ng/ul	99
57) 2,4-Dinitrotoluene	14.910	165	177218	18.382	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.175	232	154612	18.801	ng/ul#	88
59) Diethylphthalate	15.369	149	638223	19.512	ng/ul	94
61) Fluorene	15.598	166	619539	19.757	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.592	204	329080	19.940	ng/ul	98
63) 4-Nitroaniline	15.616	138	71543m	12.299	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.675	198	96832	18.756	ng/ul#	88
67) N-Nitrosodiphenylamine	15.804	169	527794	21.737	ng/ul	94
68) 4-Bromophenyl-phenylether	16.487	248	195123	21.617	ng/ul	95
69) Hexachlorobenzene	16.610	284	217654	20.774	ng/ul#	90
70) Atrazine	16.763	200	192993	19.550	ng/ul#	90
71) Pentachlorophenol	16.951	266	123499	18.509	ng/ul#	83
72) Phenanthrene	17.345	178	949796	20.650	ng/ul	98
74) Anthracene	17.434	178	961606	20.756	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.351	216	311746	25.234	ng/uL#	84
76) Pentachlorobenzene	14.875	250	275885	22.772	ng/uL	93
77) Carbazole	17.704	167	802817	19.583	ng/ul	96
78) Di-n-butylphthalate	18.257	149	1037169	20.564	ng/ul#	92
80) Fluoranthene	19.310	202	1093657	21.545	ng/ul#	96
82) Pyrene	19.657	202	1131345	21.633	ng/ul	97
83) Butylbenzylphthalate	20.527	149	454890	21.043	ng/ul#	80
84) 3,3'-Dichlorobenzidine	21.298	252	265540	18.649	ng/ul#	95
85) Benzo(a)anthracene	21.369	228	1049033	20.889	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.292	149	658903	20.565	ng/ul#	82
87) Chrysene	21.422	228	1047751	21.188	ng/ul	100
89) Di-n-octyl phthalate	22.227	149	1101861	18.708	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	1056975	20.752	ng/ul	99
91) Benzo(k)fluoranthene	23.127	252	1008957	20.912	ng/ul#	97
93) Benzo(a)pyrene	23.716	252	1011057	21.466	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.368	276	1104427	23.571	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.386	278	947245	23.626	ng/ul#	94
96) Benzo(g,h,i)perylene	27.151	276	945217	23.908	ng/ul#	91

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

