

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042922\
 Data File : BP010164.D
 Acq On : 29 Apr 2022 22:52
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020782

Quant Time: Apr 30 02:53:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 21 14:49:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2022
 Supervised By :Yogesh Patel 05/05/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	140721	20.000	ng/ul	#-0.01
20) Naphthalene-d8	10.728	136	556709	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.557	164	341237	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.310	188	665326	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.392	240	594859m	20.000	ng/ul	-0.02
88) Perylene-d12	23.839	264	572568	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	28140	8.720	ng/uL	-0.01
4) Pyridine-d5	3.775	84	181992	20.047	ng/ul	-0.01
7) Phenol-d5	7.087	99	250907	19.602	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.252	67	160457	20.892	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.457	132	199499	21.045	ng/ul	-0.01
15) 4-Methylphenol-d8	8.634	113	198407	18.709	ng/ul	-0.02
21) Nitrobenzene-d5	9.081	128	97995	22.132	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.810	143	107945	22.322	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.351	165	200533	21.302	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.863	131	254213	18.833	ng/ul	-0.02
46) Dimethylphthalate-d6	13.963	166	543850	20.488	ng/ul	-0.02
49) Acenaphthylene-d8	14.251	160	704623	21.933	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.751	143	85527m	17.502	ng/ul	-0.01
60) Fluorene-d10	15.551	176	471240	20.638	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.669	200	80688	19.180	ng/ul	-0.01
73) Anthracene-d10	17.410	188	695594	21.610	ng/ul	-0.01
81) Pyrene-d10	19.639	212	763751	22.576	ng/ul	-0.02
92) Benzo(a)pyrene-d12	23.686	264	670611	22.341	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	28799	8.588	ng/uL#	14
5) Pyridine	3.793	79	196210	20.792	ng/ul#	46
6) Benzaldehyde	7.063	77	149840	21.906	ng/ul	96
8) Phenol	7.116	94	254231	19.767	ng/ul#	93
10) Bis(2-Chloroethyl)ether	7.346	93	205934	20.783	ng/ul#	77
12) 2-Chlorophenol	7.487	128	203125	21.244	ng/ul	94
13) 2-Methylphenol	8.369	108	189434	19.205	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.457	45	304746	20.727	ng/ul#	85
16) Acetophenone	8.746	105	309888	18.729	ng/ul#	79
17) N-Nitroso-di-n-propyla...	8.734	70	160899	18.560	ng/ul#	73
18) 4-Methylphenol	8.699	108	204248	18.807	ng/ul	93
19) Hexachloroethane	9.010	117	88535	22.036	ng/ul#	83
22) Nitrobenzene	9.128	77	244069	22.498	ng/ul#	86
23) Isophorone	9.657	82	430789	20.105	ng/ul	96
25) 2-Nitrophenol	9.840	139	112767	22.018	ng/ul#	81
26) 2,4-Dimethylphenol	9.904	107	234187	21.120	ng/ul#	78
27) Bis(2-Chloroethoxy)met...	10.140	93	262481	20.900	ng/ul#	98
29) 2,4-Dichlorophenol	10.375	162	193933	21.430	ng/ul#	85
30) Naphthalene	10.781	128	638405	21.910	ng/ul	97
32) 4-Chloroaniline	10.887	127	252423	18.977	ng/ul	97
33) Hexachlorobutadiene	11.075	225	141549	22.070	ng/ul	99
34) Caprolactam	11.657	113	52522m	16.135	ng/ul	
35) 4-Chloro-3-methylphenol	12.010	107	208448	19.068	ng/ul#	71
36) 2-Methylnaphthalene	12.387	142	431235	20.407	ng/ul	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.604	142	435627	20.302	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.757	216	247611	23.487	ng/ul#	92
40) Hexachlorocyclopentadiene	12.740	237	144846	24.379	ng/ul	94
41) 2,4,6-Trichlorophenol	12.992	196	151527	22.214	ng/ul#	85
42) 2,4,5-Trichlorophenol	13.069	196	161862	21.809	ng/ul#	88
43) 1,1'-Biphenyl	13.392	154	575480	22.865	ng/ul	92
44) 2-Chloronaphthalene	13.434	162	451587	23.186	ng/ul	93
45) 2-Nitroaniline	13.634	65	132026	20.905	ng/ul#	75
47) Dimethylphthalate	14.010	163	532221m	20.631	ng/ul	
48) 2,6-Dinitrotoluene	14.128	165	107655	20.335	ng/ul	94
50) Acenaphthylene	14.281	152	702692	22.082	ng/ul	95
51) 3-Nitroaniline	14.463	138	64748	13.501	ng/ul#	80
52) Acenaphthene	14.622	153	449966	21.746	ng/ul	96
53) 2,4-Dinitrophenol	14.669	184	45463	15.367	ng/ul#	82
55) 4-Nitrophenol	14.769	109	71706	16.889	ng/ul#	38
56) Dibenzofuran	14.957	168	647617	21.136	ng/ul	99
57) 2,4-Dinitrotoluene	14.916	165	148388	19.186	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.186	232	131489	19.931	ng/ul#	87
59) Diethylphthalate	15.375	149	519527	19.799	ng/ul#	92
61) Fluorene	15.604	166	516558	20.534	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.598	204	274739	20.751	ng/ul	97
63) 4-Nitroaniline	15.622	138	60289m	12.919	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.686	198	81029	19.963	ng/ul#	94
67) N-Nitrosodiphenylamine	15.810	169	442519	23.181	ng/ul	95
68) 4-Bromophenyl-phenylether	16.498	248	158882	22.388	ng/ul	95
69) Hexachlorobenzene	16.622	284	181172	21.994	ng/ul#	93
70) Atrazine	16.769	200	159446	20.544	ng/ul	91
71) Pentachlorophenol	16.963	266	91468	17.436	ng/ul#	82
72) Phenanthrene	17.351	178	787712	21.783	ng/ul	98
74) Anthracene	17.445	178	790768	21.710	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.363	216	258228	26.586	ng/uL#	87
76) Pentachlorobenzene	14.881	250	226810	23.812	ng/uL	89
77) Carbazole	17.716	167	653905	20.288	ng/ul#	96
78) Di-n-butylphthalate	18.263	149	814409	20.538	ng/ul#	92
80) Fluoranthene	19.316	202	869859	22.796	ng/ul	97
82) Pyrene	19.669	202	896963	22.816	ng/ul	96
83) Butylbenzylphthalate	20.539	149	337277	20.755	ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.310	252	223988m	20.927	ng/ul	
85) Benzo(a)anthracene	21.374	228	808217m	21.409	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.304	149	484869m	20.132	ng/ul	
87) Chrysene	21.433	228	811077	21.820	ng/ul	99
89) Di-n-octyl phthalate	22.239	149	796596	17.896	ng/ul	100
90) Benzo(b)fluoranthene	23.092	252	834998	21.692	ng/ul	99
91) Benzo(k)fluoranthene	23.145	252	763282	20.934	ng/ul#	97
93) Benzo(a)pyrene	23.733	252	797920	22.416	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.403	276	909191	25.676	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.421	278	778927	25.708	ng/ul#	96
96) Benzo(g,h,i)perylene	27.180	276	796813	26.669	ng/ul#	90

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

