

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050222\
 Data File : BP010200.D
 Acq On : 03 May 2022 09:13
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020785

Quant Time: May 04 01:07:08 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	7.922	152	142500	20.000	ng/u1	0.00
20) Naphthalene-d8	10.728	136	559456	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.557	164	362672	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.310	188	742332	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.392	240	706204	20.000	ng/u1	# 0.00
88) Perylene-d12	23.839	264	690557	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	28141m	8.611	ng/uL	0.00
4) Pyridine-d5	3.775	84	180164	19.598	ng/u1	0.00
7) Phenol-d5	7.087	99	241857	18.659	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.252	67	158627	20.395	ng/u1	0.00
11) 2-Chlorophenol-d4	7.452	132	194859	20.299	ng/u1	0.00
15) 4-Methylphenol-d8	8.634	113	190776	17.765	ng/u1	0.00
21) Nitrobenzene-d5	9.081	128	94157	21.161	ng/u1	0.00
24) 2-Nitrophenol-d4	9.804	143	106946	22.007	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.346	165	194444	20.554	ng/u1	0.00
31) 4-Chloroaniline-d4	10.863	131	256184	18.886	ng/u1	0.00
46) Dimethylphthalate-d6	13.963	166	564481	20.009	ng/u1	0.00
49) Acenaphthylene-d8	14.245	160	713869	20.908	ng/u1	0.00
54) 4-Nitrophenol-d4	14.751	143	89484m	17.229	ng/u1	0.00
60) Fluorene-d10	15.551	176	487664	20.095	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.669	200	90254	19.228	ng/u1	0.00
73) Anthracene-d10	17.410	188	751007	20.912	ng/u1	0.00
81) Pyrene-d10	19.639	212	847182	21.094	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.680	264	757745	20.931	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	28599	8.422	ng/uL#	17
5) Pyridine	3.793	79	188411	19.716	ng/u1#	45
6) Benzaldehyde	7.058	77	147490	21.293	ng/u1	97
8) Phenol	7.116	94	244422	18.767	ng/u1#	93
10) Bis(2-Chloroethyl)ether	7.340	93	203422	20.273	ng/u1#	76
12) 2-Chlorophenol	7.487	128	199244	20.578	ng/u1	92
13) 2-Methylphenol	8.363	108	185159	18.538	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.452	45	312445	20.985	ng/u1#	85
16) Acetophenone	8.746	105	301595	18.000	ng/u1#	79
17) N-Nitroso-di-n-propyla...	8.734	70	158143	18.015	ng/u1#	72
18) 4-Methylphenol	8.693	108	194593	17.694	ng/u1	89
19) Hexachloroethane	9.005	117	84767	20.834	ng/u1#	80
22) Nitrobenzene	9.122	77	234694	21.528	ng/u1#	85
23) Isophorone	9.652	82	427639	19.860	ng/u1#	95
25) 2-Nitrophenol	9.840	139	108800	21.139	ng/u1#	83
26) 2,4-Dimethylphenol	9.899	107	226460	20.323	ng/u1#	76
27) Bis(2-Chloroethoxy)met...	10.134	93	266500	21.116	ng/u1#	97
29) 2,4-Dichlorophenol	10.375	162	185655	20.415	ng/u1#	84
30) Naphthalene	10.775	128	616973	21.070	ng/u1	97
32) 4-Chloroaniline	10.887	127	256946	19.222	ng/u1	99
33) Hexachlorobutadiene	11.069	225	142080	22.044	ng/u1	91
34) Caprolactam	11.657	113	55261m	16.893	ng/u1	
35) 4-Chloro-3-methylphenol	12.010	107	200433	18.245	ng/u1#	68
36) 2-Methylnaphthalene	12.387	142	431545	20.321	ng/u1	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.604	142	431359	20.005	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.757	216	249193	22.240	ng/ul	94
40) Hexachlorocyclopentadiene	12.740	237	139664	22.118	ng/ul	97
41) 2,4,6-Trichlorophenol	12.993	196	152782	21.074	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.063	196	163723	20.756	ng/ul#	87
43) 1,1'-Biphenyl	13.393	154	577080	21.574	ng/ul	93
44) 2-Chloronaphthalene	13.434	162	450362	21.756	ng/ul	93
45) 2-Nitroaniline	13.634	65	130840	19.493	ng/ul#	86
47) Dimethylphthalate	14.010	163	551248	20.105	ng/ul#	92
48) 2,6-Dinitrotoluene	14.128	165	112593	20.010	ng/ul	91
50) Acenaphthylene	14.275	152	710941	21.021	ng/ul	96
51) 3-Nitroaniline	14.457	138	64581	12.670	ng/ul#	86
52) Acenaphthene	14.622	153	457893	20.821	ng/ul	96
53) 2,4-Dinitrophenol	14.669	184	52616	16.734	ng/ul#	81
55) 4-Nitrophenol	14.763	109	74897	16.598	ng/ul#	42
56) Dibenzofuran	14.957	168	664486	20.405	ng/ul	98
57) 2,4-Dinitrotoluene	14.916	165	158173	19.242	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.181	232	139169	19.848	ng/ul#	85
59) Diethylphthalate	15.375	149	555794	19.929	ng/ul	94
61) Fluorene	15.604	166	540305	20.208	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.598	204	290644	20.655	ng/ul	98
63) 4-Nitroaniline	15.616	138	66295m	13.366	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.681	198	89303	19.719	ng/ul#	85
67) N-Nitrosodiphenylamine	15.810	169	463224	21.748	ng/ul	94
68) 4-Bromophenyl-phenylether	16.498	248	170788	21.569	ng/ul	94
69) Hexachlorobenzene	16.616	284	194478	21.160	ng/ul#	91
70) Atrazine	16.769	200	173136	19.994	ng/ul#	91
71) Pentachlorophenol	16.963	266	111196m	18.998	ng/ul	
72) Phenanthrene	17.351	178	838488	20.782	ng/ul	99
74) Anthracene	17.445	178	848781	20.886	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.357	216	256966	23.711	ng/uL#	88
76) Pentachlorobenzene	14.881	250	238911	22.481	ng/uL	92
77) Carbazole	17.710	167	718386	19.976	ng/ul#	95
78) Di-n-butylphthalate	18.263	149	929106	21.000	ng/ul#	93
80) Fluoranthene	19.316	202	982926	21.698	ng/ul	96
82) Pyrene	19.669	202	1002957	21.490	ng/ul#	94
83) Butylbenzylphthalate	20.533	149	414119	21.466	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.304	252	249342	19.623	ng/ul#	95
85) Benzo(a)anthracene	21.374	228	948253	21.158	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.298	149	607974	21.263	ng/ul#	82
87) Chrysene	21.427	228	937765	21.250	ng/ul	99
89) Di-n-octyl phthalate	22.239	149	1003265	18.688	ng/ul	100
90) Benzo(b)fluoranthene	23.092	252	937356	20.191	ng/ul	99
91) Benzo(k)fluoranthene	23.139	252	902463	20.522	ng/ul#	98
93) Benzo(a)pyrene	23.727	252	906437	21.114	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.392	276	968260	22.672	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.404	278	847102	23.181	ng/ul#	95
96) Benzo(g,h,i)perylene	27.174	276	848016	23.533	ng/ul#	90

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

