

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042122\
 Data File : BP010045.D
 Acq On : 22 Apr 2022 09:01
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020768

Quant Time: Apr 22 23:24:48 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 04/25/2022
 Supervised By :mohammad ahmed 04/26/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	148234	20.000	ng/u1	0.00
20) Naphthalene-d8	10.746	136	692191	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.569	164	500714	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.322	188	1094600	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.404	240	1087999	20.000	ng/u1	# 0.00
88) Perylene-d12	23.857	264	975289	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	28396	8.353	ng/uL	0.00
4) Pyridine-d5	3.787	84	198648	20.773	ng/u1	0.00
7) Phenol-d5	7.099	99	276162	20.482	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.264	67	170705	21.099	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	212269	21.258	ng/u1	0.00
15) 4-Methylphenol-d8	8.646	113	238195	21.322	ng/u1	0.00
21) Nitrobenzene-d5	9.099	128	113817	20.674	ng/u1	0.00
24) 2-Nitrophenol-d4	9.822	143	130451	21.696	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	246862	21.090	ng/u1	0.00
31) 4-Chloroaniline-d4	10.875	131	364230	21.702	ng/u1	0.00
46) Dimethylphthalate-d6	13.975	166	803081	20.618	ng/u1	0.00
49) Acenaphthylene-d8	14.263	160	988362	20.966	ng/u1	0.00
54) 4-Nitrophenol-d4	14.757	143	140213	19.554	ng/u1	0.00
60) Fluorene-d10	15.563	176	683642	20.404	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	127568	18.431	ng/u1	0.00
73) Anthracene-d10	17.422	188	1104871	20.864	ng/u1	0.00
81) Pyrene-d10	19.651	212	1302098	21.044	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.692	264	1061955	20.770	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	28529	8.076	ng/uL#	19
5) Pyridine	3.805	79	205551	20.678	ng/u1#	42
6) Benzaldehyde	7.075	77	152598	21.178	ng/u1	93
8) Phenol	7.128	94	284352	20.989	ng/u1#	95
10) Bis(2-Chloroethyl)ether	7.358	93	221111	21.184	ng/u1#	78
12) 2-Chlorophenol	7.499	128	215627	21.408	ng/u1	94
13) 2-Methylphenol	8.381	108	218943	21.072	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.469	45	334505	21.598	ng/u1#	85
16) Acetophenone	8.763	105	379055	21.748	ng/u1#	78
17) N-Nitroso-di-n-propyla...	8.746	70	198221	21.707	ng/u1#	74
18) 4-Methylphenol	8.710	108	244608	21.382	ng/u1	92
19) Hexachloroethane	9.022	117	89367	21.115	ng/u1#	80
22) Nitrobenzene	9.140	77	285703	21.181	ng/u1#	86
23) Isophorone	9.669	82	563201	21.140	ng/u1	97
25) 2-Nitrophenol	9.852	139	134969	21.195	ng/u1#	87
26) 2,4-Dimethylphenol	9.916	107	291441	21.139	ng/u1#	78
27) Bis(2-Chloroethoxy)met...	10.152	93	327864	20.997	ng/u1#	98
29) 2,4-Dichlorophenol	10.387	162	239484	21.284	ng/u1#	84
30) Naphthalene	10.793	128	763084	21.063	ng/u1	96
32) 4-Chloroaniline	10.899	127	356699	21.568	ng/u1	98
33) Hexachlorobutadiene	11.087	225	163307	20.479	ng/u1	96
34) Caprolactam	11.663	113	82222m	20.315	ng/u1	
35) 4-Chloro-3-methylphenol	12.022	107	286295	21.063	ng/u1#	67
36) 2-Methylnaphthalene	12.399	142	554393	21.100	ng/u1	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.616	142	564140	21.146	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.769	216	323112	20.887	ng/ul#	94
40) Hexachlorocyclopentadiene	12.757	237	155130	17.794	ng/ul	94
41) 2,4,6-Trichlorophenol	13.004	196	212455	21.226	ng/ul#	85
42) 2,4,5-Trichlorophenol	13.075	196	229447	21.069	ng/ul#	87
43) 1,1'-Biphenyl	13.404	154	773788	20.953	ng/ul	94
44) 2-Chloronaphthalene	13.446	162	592409	20.729	ng/ul	93
45) 2-Nitroaniline	13.646	65	191596	20.675	ng/ul#	82
47) Dimethylphthalate	14.022	163	773848	20.443	ng/ul#	92
48) 2,6-Dinitrotoluene	14.140	165	160445	20.653	ng/ul	97
50) Acenaphthylene	14.293	152	975348	20.888	ng/ul	95
51) 3-Nitroaniline	14.469	138	111132	15.792	ng/ul#	82
52) Acenaphthene	14.634	153	625805	20.611	ng/ul	96
53) 2,4-Dinitrophenol	14.675	184	73219	16.867	ng/ul#	80
55) 4-Nitrophenol	14.775	109	121040	19.429	ng/ul#	46
56) Dibenzofuran	14.969	168	925000	20.574	ng/ul	100
57) 2,4-Dinitrotoluene	14.928	165	234596	20.671	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.193	232	201209	20.785	ng/ul#	85
59) Diethylphthalate	15.393	149	790355	20.527	ng/ul	93
61) Fluorene	15.622	166	755256	20.460	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.610	204	392441	20.201	ng/ul	96
63) 4-Nitroaniline	15.628	138	105090m	15.347	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.692	198	127266	19.058	ng/ul#	94
67) N-Nitrosodiphenylamine	15.822	169	668250	21.277	ng/ul	95
68) 4-Bromophenyl-phenylether	16.510	248	243709	20.873	ng/ul	94
69) Hexachlorobenzene	16.634	284	285354	21.056	ng/ul#	89
70) Atrazine	16.781	200	258410	20.238	ng/ul#	90
71) Pentachlorophenol	16.975	266	172079	19.938	ng/ul#	85
72) Phenanthrene	17.363	178	1237231	20.796	ng/ul	99
74) Anthracene	17.457	178	1237593	20.652	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.375	216	336779	21.075	ng/uL#	86
76) Pentachlorobenzene	14.893	250	327570	20.904	ng/uL	91
77) Carbazole	17.722	167	1077312	20.316	ng/ul#	96
78) Di-n-butylphthalate	18.275	149	1361414	20.868	ng/ul#	92
80) Fluoranthene	19.328	202	1482483	21.242	ng/ul#	95
82) Pyrene	19.681	202	1524185	21.198	ng/ul#	93
83) Butylbenzylphthalate	20.545	149	628916	21.160	ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.316	252	345284	17.638	ng/ul#	94
85) Benzo(a)anthracene	21.386	228	1438073	20.827	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.310	149	930898	21.132	ng/ul#	82
87) Chrysene	21.439	228	1383109	20.344	ng/ul	99
89) Di-n-octyl phthalate	22.251	149	1555612	20.517	ng/ul	100
90) Benzo(b)fluoranthene	23.104	252	1336329	20.381	ng/ul	99
91) Benzo(k)fluoranthene	23.157	252	1313647	21.151	ng/ul#	98
93) Benzo(a)pyrene	23.745	252	1269949	20.945	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.410	276	1245900	20.656	ng/ul#	96
95) Dibenzo(a,h)anthracene	26.427	278	1063441	20.605	ng/ul#	94
96) Benzo(g,h,i)perylene	27.198	276	1047357	20.579	ng/ul#	93

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

Manual Integrations

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