

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041822\
 Data File : BP009938.D
 Acq On : 19 Apr 2022 03:55
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020759

Quant Time: Apr 19 05:04:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 18 00:59:30 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/19/2022
 Supervised By :Yogesh Patel 04/22/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	144129	20.000	ng/u1	0.00
20) Naphthalene-d8	10.758	136	654468	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.581	164	468672	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.334	188	1070630	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.416	240	1114349	20.000	ng/u1	# 0.00
88) Perylene-d12	23.880	264	1024965	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	25722	7.965	ng/uL	0.00
4) Pyridine-d5	3.793	84	182407	20.486	ng/u1	0.00
7) Phenol-d5	7.105	99	258114	20.398	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	159364	21.155	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	200307	20.986	ng/u1	0.00
15) 4-Methylphenol-d8	8.652	113	219950	20.822	ng/u1	-0.01
21) Nitrobenzene-d5	9.111	128	108098	22.904	ng/u1	0.00
24) 2-Nitrophenol-d4	9.834	143	120298	23.249	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.375	165	230215	21.262	ng/u1	0.00
31) 4-Chloroaniline-d4	10.887	131	339116	21.990	ng/u1	0.00
46) Dimethylphthalate-d6	13.987	166	752514	20.441	ng/u1	-0.01
49) Acenaphthylene-d8	14.275	160	922478	21.150	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.763	143	131870	19.751	ng/u1	0.00
60) Fluorene-d10	15.575	176	655504	21.166	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.687	200	124953	19.701	ng/u1	0.00
73) Anthracene-d10	17.434	188	1068820	20.851	ng/u1	0.00
81) Pyrene-d10	19.663	212	1291215	21.216	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.722	264	1119325	20.970	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.411	88	25042	7.607	ng/uL#	14
5) Pyridine	3.811	79	184169	19.824	ng/u1#	41
6) Benzaldehyde	7.087	77	128533	16.563	ng/u1	96
8) Phenol	7.134	94	258033	20.372	ng/u1#	90
10) Bis(2-Chloroethyl)ether	7.369	93	212339	21.522	ng/u1#	80
12) 2-Chlorophenol	7.511	128	204843	21.287	ng/u1	93
13) 2-Methylphenol	8.387	108	204410	20.696	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.481	45	307255	21.068	ng/u1#	84
16) Acetophenone	8.769	105	351367	21.112	ng/u1#	78
17) N-Nitroso-di-n-propyla...	8.758	70	184009	21.326	ng/u1#	75
18) 4-Methylphenol	8.716	108	230162	21.519	ng/u1	93
19) Hexachloroethane	9.040	117	84646	20.834	ng/u1	88
22) Nitrobenzene	9.152	77	268223	22.141	ng/u1#	84
23) Isophorone	9.681	82	507630	20.336	ng/u1	97
25) 2-Nitrophenol	9.863	139	126246	22.876	ng/u1#	86
26) 2,4-Dimethylphenol	9.928	107	273942	20.918	ng/u1#	78
27) Bis(2-Chloroethoxy)met...	10.163	93	307905	21.009	ng/u1#	96
29) 2,4-Dichlorophenol	10.399	162	226739	21.600	ng/u1#	87
30) Naphthalene	10.805	128	716861	21.298	ng/u1	97
32) 4-Chloroaniline	10.910	127	336501	22.050	ng/u1	98
33) Hexachlorobutadiene	11.105	225	157120	20.783	ng/u1	100
34) Caprolactam	11.675	113	73253m	21.101	ng/u1	
35) 4-Chloro-3-methylphenol	12.028	107	271049m	21.310	ng/u1	
36) 2-Methylnaphthalene	12.410	142	522405	21.244	ng/u1	91

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37) 1-Methylnaphthalene	12.628	142	521034	20.985	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.781	216	307747	21.462	ng/ul	94
40) Hexachlorocyclopentadiene	12.769	237	171615	17.247	ng/ul	97
41) 2,4,6-Trichlorophenol	13.016	196	198456	21.672	ng/ul#	84
42) 2,4,5-Trichlorophenol	13.087	196	220301	22.262	ng/ul#	88
43) 1,1'-Biphenyl	13.416	154	724373	21.183	ng/ul	94
44) 2-Chloronaphthalene	13.457	162	566181	21.539	ng/ul	93
45) 2-Nitroaniline	13.657	65	185601	24.094	ng/ul#	78
47) Dimethylphthalate	14.034	163	731177	20.635	ng/ul#	93
48) 2,6-Dinitrotoluene	14.151	165	151024	23.172	ng/ul	97
50) Acenaphthylene	14.304	152	908821	21.115	ng/ul	95
51) 3-Nitroaniline	14.475	138	105968	15.640	ng/ul#	81
52) Acenaphthene	14.646	153	589868	20.931	ng/ul	96
53) 2,4-Dinitrophenol	14.681	184	75499	19.164	ng/ul#	79
55) 4-Nitrophenol	14.781	109	121151	19.712	ng/ul#	49
56) Dibenzofuran	14.981	168	876395	21.130	ng/ul	98
57) 2,4-Dinitrotoluene	14.934	165	221117	23.104	ng/ul#	78
58) 2,3,4,6-Tetrachlorophenol	15.204	232	193497	21.445	ng/ul#	88
59) Diethylphthalate	15.404	149	750502	20.466	ng/ul	93
61) Fluorene	15.634	166	714449	20.913	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.628	204	376468	20.725	ng/ul	97
63) 4-Nitroaniline	15.640	138	97699m	14.396	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.704	198	125276	19.871	ng/ul#	93
67) N-Nitrosodiphenylamine	15.834	169	630384	20.569	ng/ul	95
68) 4-Bromophenyl-phenylether	16.522	248	234923	20.271	ng/ul	95
69) Hexachlorobenzene	16.645	284	273300	20.509	ng/ul#	92
70) Atrazine	16.793	200	250333m	19.789	ng/ul	
71) Pentachlorophenol	16.981	266	169327	18.772	ng/ul#	85
72) Phenanthrene	17.375	178	1183182	20.704	ng/ul	98
74) Anthracene	17.469	178	1206955	20.831	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.387	216	324419	20.959	ng/uL	89
76) Pentachlorobenzene	14.904	250	314087	20.817	ng/uL	89
77) Carbazole	17.734	167	1062953m	20.300	ng/ul	
78) Di-n-butylphthalate	18.287	149	1310736	20.357	ng/ul#	93
80) Fluoranthene	19.339	202	1466823	20.939	ng/ul#	95
82) Pyrene	19.692	202	1491324	20.997	ng/ul#	93
83) Butylbenzylphthalate	20.563	149	613414	21.053	ng/ul#	80
84) 3,3'-Dichlorobenzidine	21.328	252	364140	15.335	ng/ul#	97
85) Benzo(a)anthracene	21.404	228	1476235	20.897	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.328	149	899139	20.516	ng/ul#	82
87) Chrysene	21.457	228	1425196	20.910	ng/ul	99
89) Di-n-octyl phthalate	22.269	149	1508523	21.006	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	1441303	21.165	ng/ul	99
91) Benzo(k)fluoranthene	23.175	252	1332637	21.446	ng/ul#	98
93) Benzo(a)pyrene	23.769	252	1331214	21.089	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.451	276	1358700	20.584	ng/ul	97
95) Dibenzo(a,h)anthracene	26.474	278	1164811	20.351	ng/ul#	96
96) Benzo(g,h,i)perylene	27.239	276	1121423	20.604	ng/ul	93

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

Manual Integrations

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