

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041922\
 Data File : BP010005.D
 Acq On : 21 Apr 2022 08:25
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020765

Quant Time: Apr 21 08:55:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 20 01:32:14 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/21/2022
 Supervised By :Yogesh Patel 04/25/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	156220	20.000	ng/u1	0.00
20) Naphthalene-d8	10.746	136	756178	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.575	164	618225	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.328	188	1405139	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.404	240	1456443	20.000	ng/u1	# 0.00
88) Perylene-d12	23.857	264	1310692	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	27813	7.946	ng/uL	0.00
4) Pyridine-d5	3.787	84	208049	21.557	ng/u1	0.00
7) Phenol-d5	7.099	99	310941	22.671	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	184122	22.550	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	233429	22.563	ng/u1	0.00
15) 4-Methylphenol-d8	8.652	113	278960	24.365	ng/u1	0.00
21) Nitrobenzene-d5	9.099	128	129716	23.788	ng/u1	0.00
24) 2-Nitrophenol-d4	9.828	143	149852	25.065	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	298452	23.857	ng/u1	0.00
31) 4-Chloroaniline-d4	10.875	131	441386	24.772	ng/u1	0.00
46) Dimethylphthalate-d6	13.981	166	1031854	21.248	ng/u1	0.00
49) Acenaphthylene-d8	14.269	160	1240676	21.565	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	193091	21.925	ng/u1	0.00
60) Fluorene-d10	15.569	176	887428	21.723	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	179623	21.579	ng/u1	0.00
73) Anthracene-d10	17.422	188	1447120	21.510	ng/u1	0.00
81) Pyrene-d10	19.651	212	1758852	22.112	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.698	264	1483598	21.736	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	27267	7.641	ng/uL#	20
5) Pyridine	3.805	79	213408	21.193	ng/u1#	44
6) Benzaldehyde	7.075	77	172859m	20.551	ng/u1	
8) Phenol	7.128	94	312105	22.734	ng/u1#	92
10) Bis(2-Chloroethyl)ether	7.357	93	239516	22.398	ng/u1#	78
12) 2-Chlorophenol	7.505	128	237326	22.754	ng/u1	96
13) 2-Methylphenol	8.381	108	247163	23.088	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.469	45	355871	22.513	ng/u1#	84
16) Acetophenone	8.763	105	429851	23.829	ng/u1#	81
17) N-Nitroso-di-n-propyla...	8.752	70	236633	25.302	ng/u1#	74
18) 4-Methylphenol	8.710	108	284122	24.508	ng/u1	91
19) Hexachloroethane	9.028	117	96017	21.804	ng/u1	85
22) Nitrobenzene	9.140	77	317417	22.678	ng/u1#	84
23) Isophorone	9.669	82	690433	23.938	ng/u1#	97
25) 2-Nitrophenol	9.857	139	156666	24.570	ng/u1#	84
26) 2,4-Dimethylphenol	9.916	107	345856	22.857	ng/u1#	79
27) Bis(2-Chloroethoxy)met...	10.151	93	384323	22.696	ng/u1#	97
29) 2,4-Dichlorophenol	10.393	162	284967	23.496	ng/u1#	85
30) Naphthalene	10.799	128	845047	21.729	ng/u1	97
32) 4-Chloroaniline	10.904	127	435917	24.722	ng/u1	97
33) Hexachlorobutadiene	11.093	225	174372	19.962	ng/u1	97
34) Caprolactam	11.669	113	108524m	27.057	ng/u1	
35) 4-Chloro-3-methylphenol	12.028	107	369315m	25.130	ng/u1	
36) 2-Methylnaphthalene	12.404	142	655898	23.085	ng/u1	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.622	142	667521	23.269	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.775	216	386368	20.427	ng/ul	93
40) Hexachlorocyclopentadiene	12.757	237	180033	13.716	ng/ul	96
41) 2,4,6-Trichlorophenol	13.010	196	269461	22.308	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.081	196	295620	22.646	ng/ul#	89
43) 1,1'-Biphenyl	13.410	154	948577	21.029	ng/ul	93
44) 2-Chloronaphthalene	13.451	162	733392	21.151	ng/ul	93
45) 2-Nitroaniline	13.645	65	256459	25.239	ng/ul#	79
47) Dimethylphthalate	14.028	163	991614	21.216	ng/ul#	92
48) 2,6-Dinitrotoluene	14.145	165	216219	25.150	ng/ul	89
50) Acenaphthylene	14.292	152	1225031	21.576	ng/ul	96
51) 3-Nitroaniline	14.469	138	154553	17.292	ng/ul#	83
52) Acenaphthene	14.639	153	790012	21.251	ng/ul	97
53) 2,4-Dinitrophenol	14.675	184	123425	23.751	ng/ul#	80
55) 4-Nitrophenol	14.781	109	165691	20.438	ng/ul#	50
56) Dibenzofuran	14.969	168	1176699	21.507	ng/ul	98
57) 2,4-Dinitrotoluene	14.928	165	315708	25.008	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.198	232	264036	22.184	ng/ul#	87
59) Diethylphthalate	15.392	149	1013112	20.944	ng/ul	94
61) Fluorene	15.622	166	981490	21.779	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.616	204	499698	20.854	ng/ul	98
63) 4-Nitroaniline	15.634	138	162930m	18.200	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.698	198	172259	20.819	ng/ul#	93
67) N-Nitrosodiphenylamine	15.828	169	852338	21.190	ng/ul	94
68) 4-Bromophenyl-phenylether	16.510	248	315557	20.747	ng/ul	96
69) Hexachlorobenzene	16.633	284	364684	20.851	ng/ul#	91
70) Atrazine	16.781	200	303060	18.254	ng/ul#	88
71) Pentachlorophenol	16.975	266	259208	21.896	ng/ul#	85
72) Phenanthrene	17.369	178	1606634	21.421	ng/ul	99
74) Anthracene	17.457	178	1631852	21.459	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.375	216	417031	20.528	ng/uL#	84
76) Pentachlorobenzene	14.898	250	417069	21.062	ng/uL	90
77) Carbazole	17.722	167	1449976	21.099	ng/ul#	95
78) Di-n-butylphthalate	18.275	149	1805724	21.368	ng/ul#	93
80) Fluoranthene	19.327	202	2009465	21.948	ng/ul	96
82) Pyrene	19.680	202	2053051	22.117	ng/ul#	94
83) Butylbenzylphthalate	20.551	149	873402	22.935	ng/ul#	78
84) 3,3'-Dichlorobenzidine	21.316	252	525089	16.919	ng/ul#	96
85) Benzo(a)anthracene	21.392	228	1998352	21.643	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.310	149	1276440	22.284	ng/ul#	82
87) Chrysene	21.445	228	1953061	21.924	ng/ul	99
89) Di-n-octyl phthalate	22.251	149	2204321	24.004	ng/ul	100
90) Benzo(b)fluoranthene	23.104	252	1949790	22.390	ng/ul	99
91) Benzo(k)fluoranthene	23.157	252	1761144	22.163	ng/ul#	98
93) Benzo(a)pyrene	23.751	252	1748653	21.663	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.409	276	1692889	20.056	ng/ul#	96
95) Dibenzo(a,h)anthracene	26.433	278	1455982	19.892	ng/ul#	94
96) Benzo(g,h,i)perylene	27.198	276	1428583	20.526	ng/ul#	92

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

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