

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051122\
 Data File : BP010328.D
 Acq On : 12 May 2022 18:00
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020797

Quant Time: May 13 00:02:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 01:10:15 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2022
 Supervised By :Yogesh Patel 05/17/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	147821	20.000	ng/u1	0.00
20) Naphthalene-d8	10.705	136	675268	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.534	164	468008	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.287	188	1033408	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.369	240	1060014	20.000	ng/u1	# 0.00
88) Perylene-d12	23.798	264	1024014	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	28966m	8.324	ng/uL	0.00
4) Pyridine-d5	3.764	84	204954	21.166	ng/u1	0.00
7) Phenol-d5	7.069	99	292035	21.271	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	188359	22.177	ng/u1	0.00
11) 2-Chlorophenol-d4	7.434	132	225179	22.270	ng/u1	0.00
15) 4-Methylphenol-d8	8.611	113	243974	21.615	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	119152	22.006	ng/u1	0.00
24) 2-Nitrophenol-d4	9.787	143	136099	22.046	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	249867	22.238	ng/u1	0.00
31) 4-Chloroaniline-d4	10.840	131	360126	21.710	ng/u1	0.00
46) Dimethylphthalate-d6	13.946	166	798296	21.411	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	981048	22.069	ng/u1	0.00
54) 4-Nitrophenol-d4	14.728	143	143125m	20.012	ng/u1	-0.01
60) Fluorene-d10	15.528	176	684694	21.755	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	135488	19.146	ng/u1	0.00
73) Anthracene-d10	17.387	188	1088638	21.512	ng/u1	0.00
81) Pyrene-d10	19.616	212	1312650	22.409	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.639	264	1206248	22.088	ng/u1	-0.02
Target Compounds						
2) 1,4-Dioxane	3.381	88	29414	8.270	ng/uL#	17
5) Pyridine	3.781	79	215871	21.270	ng/u1#	34
6) Benzaldehyde	7.040	77	197924m	26.087	ng/u1	
8) Phenol	7.093	94	297378m	21.484	ng/u1	
10) Bis(2-Chloroethyl)ether	7.322	93	239352	22.098	ng/u1#	73
12) 2-Chlorophenol	7.469	128	227252	22.378	ng/u1	95
13) 2-Methylphenol	8.346	108	228453	21.745	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.434	45	383804	22.527	ng/u1#	81
16) Acetophenone	8.728	105	386668	21.916	ng/u1#	77
17) N-Nitroso-di-n-propyla...	8.711	70	208147	22.584	ng/u1#	71
18) 4-Methylphenol	8.675	108	253089	22.018	ng/u1	92
19) Hexachloroethane	8.987	117	94021	21.715	ng/u1	85
22) Nitrobenzene	9.105	77	300173	21.840	ng/u1#	83
23) Isophorone	9.634	82	580757	21.575	ng/u1#	97
25) 2-Nitrophenol	9.816	139	141393	22.295	ng/u1#	85
26) 2,4-Dimethylphenol	9.881	107	296083	21.865	ng/u1#	77
27) Bis(2-Chloroethoxy)met...	10.110	93	341920	21.645	ng/u1#	98
29) 2,4-Dichlorophenol	10.352	162	243527m	22.187	ng/u1	
30) Naphthalene	10.757	128	779140	21.625	ng/u1	97
32) 4-Chloroaniline	10.863	127	355937	21.502	ng/u1	97
33) Hexachlorobutadiene	11.046	225	164181	21.842	ng/u1	93
34) Caprolactam	11.640	113	85723m	20.499	ng/u1	
35) 4-Chloro-3-methylphenol	11.987	107	287825	21.793	ng/u1#	72
36) 2-Methylnaphthalene	12.363	142	560768	21.982	ng/u1	92

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37) 1-Methylnaphthalene	12.581	142	561941	21.669	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.734	216	315846	21.953	ng/ul	94
40) Hexachlorocyclopentadiene	12.716	237	160646	20.030	ng/ul	97
41) 2,4,6-Trichlorophenol	12.969	196	209940	22.250	ng/ul#	84
42) 2,4,5-Trichlorophenol	13.046	196	230304	22.397	ng/ul#	88
43) 1,1'-Biphenyl	13.369	154	766260	21.917	ng/ul#	93
44) 2-Chloronaphthalene	13.410	162	596201	22.017	ng/ul	94
45) 2-Nitroaniline	13.610	65	202893	22.132	ng/ul#	78
47) Dimethylphthalate	13.993	163	770420	21.297	ng/ul#	92
48) 2,6-Dinitrotoluene	14.110	165	162067	21.956	ng/ul	94
50) Acenaphthylene	14.257	152	981629	22.074	ng/ul	95
51) 3-Nitroaniline	14.440	138	117649	18.218	ng/ul#	85
52) Acenaphthene	14.598	153	629728	21.875	ng/ul	98
53) 2,4-Dinitrophenol	14.646	184	78870	16.329	ng/ul#	76
55) 4-Nitrophenol	14.746	109	120349	19.842	ng/ul#	44
56) Dibenzofuran	14.934	168	919285	21.824	ng/ul	99
57) 2,4-Dinitrotoluene	14.898	165	234333	21.699	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.163	232	196435	21.522	ng/ul#	88
59) Diethylphthalate	15.357	149	787975	21.100	ng/ul	93
61) Fluorene	15.587	166	756590	21.685	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.575	204	388339	21.530	ng/ul	97
63) 4-Nitroaniline	15.598	138	115741m	18.137	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.663	198	134123	19.455	ng/ul#	90
67) N-Nitrosodiphenylamine	15.787	169	659592	21.713	ng/ul	95
68) 4-Bromophenyl-phenylether	16.475	248	237814	21.786	ng/ul	92
69) Hexachlorobenzene	16.592	284	272871	21.613	ng/ul#	89
70) Atrazine	16.745	200	259217	21.121	ng/ul	92
71) Pentachlorophenol	16.940	266	173269m	20.676	ng/ul	
72) Phenanthrene	17.328	178	1227497	21.544	ng/ul	98
74) Anthracene	17.422	178	1239236	21.445	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.334	216	335156	22.166	ng/uL#	84
76) Pentachlorobenzene	14.857	250	318560	22.035	ng/uL	90
77) Carbazole	17.687	167	1101575	21.127	ng/ul#	95
78) Di-n-butylphthalate	18.239	149	1369666	20.785	ng/ul#	93
80) Fluoranthene	19.292	202	1504474	22.589	ng/ul	97
82) Pyrene	19.645	202	1532395	22.228	ng/ul#	95
83) Butylbenzylphthalate	20.510	149	641253	21.841	ng/ul#	83
84) 3,3'-Dichlorobenzidine	21.280	252	437834	19.325	ng/ul#	96
85) Benzo(a)anthracene	21.351	228	1497966	21.617	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.275	149	951412	21.479	ng/ul#	81
87) Chrysene	21.404	228	1470105	21.406	ng/ul	99
89) Di-n-octyl phthalate	22.204	149	1627963	23.617	ng/ul	100
90) Benzo(b)fluoranthene	23.057	252	1556394	23.142	ng/ul	99
91) Benzo(k)fluoranthene	23.104	252	1402389	22.100	ng/ul#	97
93) Benzo(a)pyrene	23.686	252	1456946	22.363	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.327	276	1402791	19.480	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.345	278	1209673	19.648	ng/ul#	94
96) Benzo(g,h,i)perylene	27.104	276	1159929	19.071	ng/ul#	89

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

