

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051122\
 Data File : BP010280.D
 Acq On : 11 May 2022 09:47
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020793

Quant Time: May 12 01:10:57 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 05/12/2022
 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	133901	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	605928	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.539	164	436317	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.292	188	986013	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.374	240	1036609	20.000	ng/u1	# 0.00
88) Perylene-d12	23.815	264	1050472	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	28873	9.160	ng/uL	0.00
4) Pyridine-d5	3.769	84	190311	21.697	ng/u1	0.00
7) Phenol-d5	7.069	99	267332	21.496	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	173241	22.518	ng/u1	0.00
11) 2-Chlorophenol-d4	7.440	132	203517	22.220	ng/u1	0.00
15) 4-Methylphenol-d8	8.616	113	221681	21.681	ng/u1	0.00
21) Nitrobenzene-d5	9.069	128	108942	22.423	ng/u1	0.00
24) 2-Nitrophenol-d4	9.787	143	120132	21.687	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	230461	22.858	ng/u1	0.00
31) 4-Chloroaniline-d4	10.846	131	327866	22.027	ng/u1	0.00
46) Dimethylphthalate-d6	13.951	166	763254	21.958	ng/u1	0.00
49) Acenaphthylene-d8	14.234	160	922797	22.267	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	133354	20.001	ng/u1	0.00
60) Fluorene-d10	15.534	176	647738	22.076	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	139896	20.719	ng/u1	0.00
73) Anthracene-d10	17.392	188	1047063	21.685	ng/u1	0.00
81) Pyrene-d10	19.622	212	1289711	22.514	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.657	264	1260362	22.498	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	29401	9.126	ng/uL#	9
5) Pyridine	3.787	79	198668	21.610	ng/u1#	29
6) Benzaldehyde	7.046	77	177516	25.829	ng/u1	96
8) Phenol	7.099	94	268130	21.385	ng/u1#	92
10) Bis(2-Chloroethyl)ether	7.328	93	216431	22.059	ng/u1#	75
12) 2-Chlorophenol	7.469	128	207715	22.581	ng/u1	95
13) 2-Methylphenol	8.352	108	207702	21.825	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.440	45	360241	23.342	ng/u1#	83
16) Acetophenone	8.728	105	353260	22.104	ng/u1#	75
17) N-Nitroso-di-n-propyla...	8.716	70	190686	22.840	ng/u1#	70
18) 4-Methylphenol	8.681	108	229403	22.032	ng/u1	95
19) Hexachloroethane	8.993	117	87426	22.291	ng/u1	87
22) Nitrobenzene	9.110	77	275094	22.306	ng/u1#	82
23) Isophorone	9.640	82	532406	22.042	ng/u1	98
25) 2-Nitrophenol	9.822	139	126710	22.267	ng/u1#	86
26) 2,4-Dimethylphenol	9.887	107	271351	22.332	ng/u1#	78
27) Bis(2-Chloroethoxy)met...	10.116	93	314833	22.211	ng/u1#	96
29) 2,4-Dichlorophenol	10.357	162	223223m	22.665	ng/u1	
30) Naphthalene	10.763	128	712018	22.023	ng/u1	97
32) 4-Chloroaniline	10.869	127	327411	22.042	ng/u1	98
33) Hexachlorobutadiene	11.051	225	155411	23.041	ng/u1	94
34) Caprolactam	11.646	113	76696m	20.439	ng/u1	
35) 4-Chloro-3-methylphenol	11.993	107	268545	22.660	ng/u1#	73
36) 2-Methylnaphthalene	12.369	142	516490	22.563	ng/u1	88

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37) 1-Methylnaphthalene	12.587	142	521981	22.431	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.740	216	293412	21.875	ng/ul#	94
40) Hexachlorocyclopentadiene	12.722	237	171016	22.872	ng/ul	96
41) 2,4,6-Trichlorophenol	12.975	196	192465	21.880	ng/ul#	82
42) 2,4,5-Trichlorophenol	13.051	196	212364	22.152	ng/ul#	85
43) 1,1'-Biphenyl	13.375	154	722977	22.181	ng/ul#	93
44) 2-Chloronaphthalene	13.416	162	557881	22.098	ng/ul	93
45) 2-Nitroaniline	13.616	65	191672	22.427	ng/ul#	73
47) Dimethylphthalate	13.998	163	739324	21.922	ng/ul#	92
48) 2,6-Dinitrotoluene	14.116	165	154883	22.507	ng/ul	96
50) Acenaphthylene	14.263	152	921474	22.226	ng/ul	95
51) 3-Nitroaniline	14.440	138	108135	17.961	ng/ul#	83
52) Acenaphthene	14.604	153	591092	22.024	ng/ul	97
53) 2,4-Dinitrophenol	14.651	184	85336	18.951	ng/ul#	80
55) 4-Nitrophenol	14.751	109	120901	21.381	ng/ul#	48
56) Dibenzofuran	14.939	168	874720	22.274	ng/ul	97
57) 2,4-Dinitrotoluene	14.904	165	225402	22.388	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	15.169	232	190388	22.375	ng/ul#	87
59) Diethylphthalate	15.363	149	762938	21.914	ng/ul	94
61) Fluorene	15.592	166	725526	22.305	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.581	204	375947	22.357	ng/ul	96
63) 4-Nitroaniline	15.604	138	100061m	16.819	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.669	198	133509	20.297	ng/ul#	91
67) N-Nitrosodiphenylamine	15.798	169	639330	22.058	ng/ul	95
68) 4-Bromophenyl-phenylether	16.481	248	229776	22.061	ng/ul	94
69) Hexachlorobenzene	16.604	284	259759	21.563	ng/ul#	89
70) Atrazine	16.751	200	255194	21.793	ng/ul	93
71) Pentachlorophenol	16.945	266	161953	20.254	ng/ul#	84
72) Phenanthrene	17.333	178	1197520	22.028	ng/ul	98
74) Anthracene	17.428	178	1207999	21.909	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.345	216	312433	21.656	ng/uL#	86
76) Pentachlorobenzene	14.863	250	307835	22.317	ng/uL	92
77) Carbazole	17.698	167	1060914	21.326	ng/ul#	96
78) Di-n-butylphthalate	18.245	149	1345436	21.399	ng/ul#	93
80) Fluoranthene	19.298	202	1465151	22.495	ng/ul	97
82) Pyrene	19.651	202	1519159	22.534	ng/ul	96
83) Butylbenzylphthalate	20.522	149	640524	22.309	ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.292	252	475894	21.479	ng/ul#	97
85) Benzo(a)anthracene	21.363	228	1497726	22.101	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.286	149	948470	21.896	ng/ul#	82
87) Chrysene	21.416	228	1492139	22.217	ng/ul	99
89) Di-n-octyl phthalate	22.221	149	1628261	23.026	ng/ul	100
90) Benzo(b)fluoranthene	23.068	252	1542862	22.363	ng/ul	100
91) Benzo(k)fluoranthene	23.121	252	1509481	23.188	ng/ul#	98
93) Benzo(a)pyrene	23.710	252	1504588	22.513	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.362	276	1592395	21.555	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.374	278	1369594	21.685	ng/ul#	95
96) Benzo(g,h,i)perylene	27.133	276	1332730	21.361	ng/ul#	91

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

