

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052022\
 Data File : BP010471.D
 Acq On : 21 May 2022 12:04
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020663

Quant Time: May 23 00:44:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 15:04:31 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/23/2022
 Supervised By :mohammad ahmed 05/25/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	199852	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.687	136	879086	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.522	164	576392	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.275	188	1250582	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.357	240	1096897	20.000	ng/ul	# 0.00
88) Perylene-d12	23.786	264	850818	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	32760m	6.987	ng/uL	0.00
4) Pyridine-d5	3.758	84	230094	17.284	ng/ul	0.00
7) Phenol-d5	7.058	99	323842	19.306	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	216100	19.175	ng/ul	0.00
11) 2-Chlorophenol-d4	7.422	132	258927	20.173	ng/ul	-0.01
15) 4-Methylphenol-d8	8.599	113	274045	19.224	ng/ul	-0.01
21) Nitrobenzene-d5	9.052	128	136510	20.065	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	150796	20.914	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	269884	19.796	ng/ul	0.00
31) 4-Chloroaniline-d4	10.828	131	378696	18.682	ng/ul	-0.01
46) Dimethylphthalate-d6	13.934	166	822369	19.365	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	995565	20.324	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	138460	18.318	ng/ul	0.00
60) Fluorene-d10	15.516	176	724825	19.619	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	105162	14.378	ng/ul	0.00
73) Anthracene-d10	17.375	188	1118310	19.748	ng/ul	0.00
81) Pyrene-d10	19.604	212	1293440	22.204	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.627	264	847485	19.837	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.376	88	32649	6.722	ng/uL#	18
5) Pyridine	3.775	79	236365	17.084	ng/ul#	35
6) Benzaldehyde	7.028	77	196666	22.179	ng/ul	96
8) Phenol	7.087	94	346839	19.166	ng/ul#	93
10) Bis(2-Chloroethyl)ether	7.311	93	273064	19.192	ng/ul#	75
12) 2-Chlorophenol	7.458	128	266091	19.858	ng/ul	93
13) 2-Methylphenol	8.334	108	263655	19.517	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.422	45	447695	19.307	ng/ul#	83
16) Acetophenone	8.716	105	433948	19.375	ng/ul#	79
17) N-Nitroso-di-n-propyla...	8.699	70	235788	19.671	ng/ul#	70
18) 4-Methylphenol	8.663	108	287953	19.286	ng/ul	91
19) Hexachloroethane	8.969	117	114128	19.584	ng/ul	82
22) Nitrobenzene	9.093	77	338561	18.936	ng/ul#	84
23) Isophorone	9.622	82	657838	19.906	ng/ul#	97
25) 2-Nitrophenol	9.805	139	160300	20.248	ng/ul#	85
26) 2,4-Dimethylphenol	9.869	107	331424	19.293	ng/ul#	80
27) Bis(2-Chloroethoxy)met...	10.099	93	378582	19.240	ng/ul#	98
29) 2,4-Dichlorophenol	10.340	162	270458	19.403	ng/ul#	83
30) Naphthalene	10.740	128	889660	19.376	ng/ul	98
32) 4-Chloroaniline	10.852	127	381069	18.942	ng/ul	100
33) Hexachlorobutadiene	11.034	225	189310	19.166	ng/ul	95
34) Caprolactam	11.628	113	96514	19.840	ng/ul#	1
35) 4-Chloro-3-methylphenol	11.981	107	317369	19.463	ng/ul#	69
36) 2-Methylnaphthalene	12.352	142	615740	18.943	ng/ul	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.569	142	627410m	19.116	ng/ul	
39) 1,2,4,5-Tetrachloroben...	12.722	216	351247	19.969	ng/ul	94
40) Hexachlorocyclopentadiene	12.699	237	124132	12.981	ng/ul	95
41) 2,4,6-Trichlorophenol	12.957	196	229554	20.936	ng/ul#	84
42) 2,4,5-Trichlorophenol	13.034	196	245590	20.061	ng/ul#	87
43) 1,1'-Biphenyl	13.357	154	837651	19.799	ng/ul#	94
44) 2-Chloronaphthalene	13.399	162	653222	19.990	ng/ul	93
45) 2-Nitroaniline	13.604	65	228087	21.209	ng/ul#	79
47) Dimethylphthalate	13.981	163	811718	19.269	ng/ul#	92
48) 2,6-Dinitrotoluene	14.098	165	178778	20.819	ng/ul	95
50) Acenaphthylene	14.246	152	1063079	20.062	ng/ul	95
51) 3-Nitroaniline	14.428	138	177600	22.036	ng/ul#	82
52) Acenaphthene	14.587	153	677111	19.587	ng/ul	97
53) 2,4-Dinitrophenol	14.640	184	57978	12.093	ng/ul#	74
55) 4-Nitrophenol	14.740	109	120165	17.879	ng/ul#	34
56) Dibenzofuran	14.922	168	991710	19.575	ng/ul	99
57) 2,4-Dinitrotoluene	14.887	165	250521	20.266	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.151	232	212412	20.177	ng/ul#	87
59) Diethylphthalate	15.345	149	827322	19.248	ng/ul	93
61) Fluorene	15.575	166	803365	19.391	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.563	204	414315	19.225	ng/ul	96
63) 4-Nitroaniline	15.592	138	183526	23.063	ng/ul#	76
66) 4,6-Dinitro-2-methylph...	15.657	198	106308	14.575	ng/ul#	90
67) N-Nitrosodiphenylamine	15.781	169	690871	19.699	ng/ul	95
68) 4-Bromophenyl-phenylether	16.463	248	248771	19.315	ng/ul	94
69) Hexachlorobenzene	16.587	284	283930	19.166	ng/ul#	90
70) Atrazine	16.734	200	269283	19.166	ng/ul#	90
71) Pentachlorophenol	16.928	266	175489	18.879	ng/ul#	83
72) Phenanthrene	17.316	178	1281340	19.199	ng/ul	99
74) Anthracene	17.410	178	1307894	19.534	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.328	216	369672	19.451	ng/uL#	86
76) Pentachlorobenzene	14.845	250	343325	19.910	ng/uL	90
77) Carbazole	17.681	167	1141546	19.400	ng/ul#	96
78) Di-n-butylphthalate	18.228	149	1427961	19.925	ng/ul#	93
80) Fluoranthene	19.281	202	1552661	22.936	ng/ul	97
82) Pyrene	19.633	202	1562760	22.121	ng/ul	97
83) Butylbenzylphthalate	20.504	149	676985	23.965	ng/ul#	80
84) 3,3'-Dichlorobenzidine	21.275	252	384554	17.443	ng/ul#	97
85) Benzo(a)anthracene	21.339	228	1353830	19.737	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.263	149	959392	23.144	ng/ul#	80
87) Chrysene	21.398	228	1308403	19.392	ng/ul	98
89) Di-n-octyl phthalate	22.192	149	1624442	25.451	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	1157737	20.415	ng/ul	100
91) Benzo(k)fluoranthene	23.092	252	1050915	19.498	ng/ul#	97
93) Benzo(a)pyrene	23.674	252	1036056	19.664	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.310	276	1016341	20.504	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.327	278	885179	20.581	ng/ul#	95
96) Benzo(g,h,i)perylene	27.080	276	881516	21.298	ng/ul#	92

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

