

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052322\
 Data File : BP010499.D
 Acq On : 24 May 2022 04:29
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020666

Quant Time: May 24 05:51:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 05:50:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/24/2022
 Supervised By :Yogesh Patel 05/26/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	167545	20.000	ng/ul	0.00
20) Naphthalene-d8	10.687	136	762455	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.522	164	524774	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.269	188	1145230	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.351	240	1094371	20.000	ng/ul	# 0.00
88) Perylene-d12	23.774	264	858018	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	29193m	7.427	ng/uL	0.00
4) Pyridine-d5	3.758	84	210474	18.858	ng/ul	0.00
7) Phenol-d5	7.052	99	274456	19.517	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	187393	19.834	ng/ul	0.00
11) 2-Chlorophenol-d4	7.422	132	216928	20.160	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	236124	19.758	ng/ul	0.00
21) Nitrobenzene-d5	9.046	128	118970	20.161	ng/ul	0.00
24) 2-Nitrophenol-d4	9.769	143	127553	20.397	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	236494	20.000	ng/ul	0.00
31) 4-Chloroaniline-d4	10.828	131	333827	18.987	ng/ul	0.00
46) Dimethylphthalate-d6	13.928	166	734330	18.993	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	890652	19.971	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	123797	17.989	ng/ul	0.00
60) Fluorene-d10	15.510	176	654035	19.444	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	110256	16.462	ng/ul	0.00
73) Anthracene-d10	17.369	188	1025129	19.768	ng/ul	0.00
81) Pyrene-d10	19.604	212	1219000	20.974	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.616	264	863348	20.039	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	30209	7.419	ng/uL#	12
5) Pyridine	3.775	79	214844	18.523	ng/ul#	26
6) Benzaldehyde	7.028	77	169905m	22.855	ng/ul	
8) Phenol	7.081	94	299215	19.723	ng/ul#	91
10) Bis(2-Chloroethyl)ether	7.310	93	231854	19.438	ng/ul#	74
12) 2-Chlorophenol	7.452	128	225158	20.044	ng/ul	97
13) 2-Methylphenol	8.334	108	226452	19.995	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.416	45	399724	20.562	ng/ul#	80
16) Acetophenone	8.710	105	370451	19.729	ng/ul#	78
17) N-Nitroso-di-n-propyla...	8.699	70	202987	20.199	ng/ul#	69
18) 4-Methylphenol	8.663	108	248216	19.831	ng/ul	94
19) Hexachloroethane	8.969	117	96825	19.818	ng/ul#	81
22) Nitrobenzene	9.087	77	305348	19.691	ng/ul#	81
23) Isophorone	9.616	82	572420	19.971	ng/ul#	97
25) 2-Nitrophenol	9.799	139	137734	20.059	ng/ul#	84
26) 2,4-Dimethylphenol	9.863	107	291884	19.591	ng/ul#	82
27) Bis(2-Chloroethoxy)met...	10.099	93	329431	19.303	ng/ul#	98
29) 2,4-Dichlorophenol	10.334	162	237971	19.684	ng/ul#	85
30) Naphthalene	10.740	128	781065	19.613	ng/ul	96
32) 4-Chloroaniline	10.846	127	333038	19.087	ng/ul	96
33) Hexachlorobutadiene	11.028	225	165129	19.276	ng/ul	99
34) Caprolactam	11.622	113	81541m	19.327	ng/ul	
35) 4-Chloro-3-methylphenol	11.975	107	287885m	20.356	ng/ul	
36) 2-Methylnaphthalene	12.345	142	546947	19.400	ng/ul	94

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37) 1-Methylnaphthalene	12.563	142	550198	19.328	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.716	216	313307	19.564	ng/ul	93
40) Hexachlorocyclopentadiene	12.698	237	119137	13.684	ng/ul	98
41) 2,4,6-Trichlorophenol	12.957	196	201561	20.192	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.028	196	220401	19.774	ng/ul#	85
43) 1,1'-Biphenyl	13.351	154	750924	19.495	ng/ul#	92
44) 2-Chloronaphthalene	13.393	162	590481	19.848	ng/ul	94
45) 2-Nitroaniline	13.598	65	207876	21.231	ng/ul#	76
47) Dimethylphthalate	13.975	163	737818	19.238	ng/ul#	93
48) 2,6-Dinitrotoluene	14.092	165	159665	20.423	ng/ul	98
50) Acenaphthylene	14.240	152	959642	19.891	ng/ul	96
51) 3-Nitroaniline	14.422	138	145092	19.774	ng/ul#	85
52) Acenaphthene	14.581	153	614404	19.522	ng/ul	97
53) 2,4-Dinitrophenol	14.634	184	59140	13.549	ng/ul#	71
55) 4-Nitrophenol	14.734	109	107423	17.555	ng/ul#	39
56) Dibenzofuran	14.916	168	899179	19.495	ng/ul	97
57) 2,4-Dinitrotoluene	14.887	165	228102	20.268	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	15.145	232	189607	19.783	ng/ul#	85
59) Diethylphthalate	15.339	149	751006	19.191	ng/ul	93
61) Fluorene	15.569	166	736775	19.533	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.563	204	379893	19.362	ng/ul	98
63) 4-Nitroaniline	15.587	138	150143m	20.723	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.651	198	113536	16.998	ng/ul#	87
67) N-Nitrosodiphenylamine	15.775	169	635025	19.772	ng/ul	95
68) 4-Bromophenyl-phenylether	16.457	248	229147	19.429	ng/ul	96
69) Hexachlorobenzene	16.581	284	260944	19.234	ng/ul#	87
70) Atrazine	16.734	200	244702	19.019	ng/ul#	89
71) Pentachlorophenol	16.922	266	153416	18.023	ng/ul#	84
72) Phenanthrene	17.316	178	1189508	19.462	ng/ul	100
74) Anthracene	17.404	178	1206069	19.670	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.322	216	326599	18.765	ng/uL#	85
76) Pentachlorobenzene	14.845	250	312315	19.777	ng/uL	93
77) Carbazole	17.675	167	1046030	19.412	ng/ul#	95
78) Di-n-butylphthalate	18.228	149	1303196	19.857	ng/ul#	93
80) Fluoranthene	19.280	202	1445971	21.409	ng/ul	96
82) Pyrene	19.627	202	1479177	20.987	ng/ul	96
83) Butylbenzylphthalate	20.498	149	609693	21.633	ng/ul#	83
84) 3,3'-Dichlorobenzidine	21.269	252	406548	18.483	ng/ul#	97
85) Benzo(a)anthracene	21.339	228	1353302	19.775	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.263	149	893821	21.612	ng/ul#	82
87) Chrysene	21.392	228	1333707	19.813	ng/ul	99
89) Di-n-octyl phthalate	22.192	149	1509352	23.449	ng/ul	100
90) Benzo(b)fluoranthene	23.033	252	1144710	20.016	ng/ul	100
91) Benzo(k)fluoranthene	23.086	252	1124485	20.688	ng/ul#	97
93) Benzo(a)pyrene	23.668	252	1057796	19.908	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.292	276	1032462	20.655	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.309	278	873155	20.131	ng/ul#	94
96) Benzo(g,h,i)perylene	27.068	276	873210	20.921	ng/ul#	91

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

