

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052522\
 Data File : BP010531.D
 Acq On : 25 May 2022 11:19
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020669

Quant Time: May 25 23:25:44 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 05/26/2022
 Supervised By :mohammad ahmed 05/27/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	131726	20.000	ng/ul	0.00
20) Naphthalene-d8	10.681	136	565177	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.516	164	388462	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.269	188	886646	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.351	240	945096	20.000	ng/ul	# 0.00
88) Perylene-d12	23.768	264	855238	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	23566m	7.626	ng/uL	0.00
4) Pyridine-d5	3.758	84	155788	17.754	ng/ul	0.00
7) Phenol-d5	7.052	99	199235	18.020	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	139438	18.771	ng/ul	0.00
11) 2-Chlorophenol-d4	7.416	132	160088	18.923	ng/ul	0.00
15) 4-Methylphenol-d8	8.593	113	168356	17.918	ng/ul	0.00
21) Nitrobenzene-d5	9.040	128	84935	19.418	ng/ul	0.00
24) 2-Nitrophenol-d4	9.763	143	90928	19.616	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	164105	18.723	ng/ul	0.00
31) 4-Chloroaniline-d4	10.822	131	238451	18.297	ng/ul	0.00
46) Dimethylphthalate-d6	13.928	166	548271	19.156	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	623120	18.875	ng/ul	0.00
54) 4-Nitrophenol-d4	14.716	143	92414	18.141	ng/ul	0.00
60) Fluorene-d10	15.510	176	467980	18.795	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	92622	17.862	ng/ul	0.00
73) Anthracene-d10	17.369	188	752965	18.754	ng/ul	0.00
81) Pyrene-d10	19.598	212	935385	18.637	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.616	264	820021	19.095	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	25641	8.009	ng/uL#	9
5) Pyridine	3.775	79	161505	17.710	ng/ul#	33
6) Benzaldehyde	7.022	77	122679	20.990	ng/ul	93
8) Phenol	7.075	94	214241	17.962	ng/ul#	91
10) Bis(2-Chloroethyl)ether	7.305	93	171401	18.277	ng/ul#	75
12) 2-Chlorophenol	7.446	128	167293	18.942	ng/ul	98
13) 2-Methylphenol	8.328	108	162399	18.239	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.416	45	288961	18.906	ng/ul#	83
16) Acetophenone	8.710	105	268609	18.195	ng/ul#	78
17) N-Nitroso-di-n-propyla...	8.693	70	149230	18.888	ng/ul#	67
18) 4-Methylphenol	8.657	108	174551	17.737	ng/ul	94
19) Hexachloroethane	8.963	117	71961	18.734	ng/ul#	79
22) Nitrobenzene	9.087	77	214618	18.671	ng/ul#	83
23) Isophorone	9.616	82	417604	19.655	ng/ul#	97
25) 2-Nitrophenol	9.799	139	98108	19.275	ng/ul#	86
26) 2,4-Dimethylphenol	9.857	107	207626	18.800	ng/ul#	77
27) Bis(2-Chloroethoxy)met...	10.093	93	239037	18.896	ng/ul#	97
29) 2,4-Dichlorophenol	10.334	162	168406	18.792	ng/ul#	83
30) Naphthalene	10.734	128	551008	18.666	ng/ul	97
32) 4-Chloroaniline	10.846	127	233416	18.047	ng/ul	95
33) Hexachlorobutadiene	11.022	225	118032	18.587	ng/ul	96
34) Caprolactam	11.622	113	63117	20.182	ng/ul#	1
35) 4-Chloro-3-methylphenol	11.969	107	203829m	19.443	ng/ul	
36) 2-Methylnaphthalene	12.340	142	388356	18.583	ng/ul	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.563	142	390561	18.509	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.710	216	220034	18.561	ng/ul	92
40) Hexachlorocyclopentadiene	12.693	237	125767	19.514	ng/ul	97
41) 2,4,6-Trichlorophenol	12.951	196	143532	19.424	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.028	196	155361	18.830	ng/ul#	87
43) 1,1'-Biphenyl	13.351	154	538803	18.897	ng/ul#	94
44) 2-Chloronaphthalene	13.393	162	418098	18.985	ng/ul	93
45) 2-Nitroaniline	13.598	65	146153	20.165	ng/ul#	79
47) Dimethylphthalate	13.975	163	547900	19.299	ng/ul#	93
48) 2,6-Dinitrotoluene	14.092	165	116121	20.065	ng/ul	96
50) Acenaphthylene	14.234	152	681687	19.088	ng/ul	96
51) 3-Nitroaniline	14.422	138	104790	19.292	ng/ul#	86
52) Acenaphthene	14.581	153	436669	18.743	ng/ul	95
53) 2,4-Dinitrophenol	14.634	184	72565	22.459	ng/ul#	75
55) 4-Nitrophenol	14.728	109	84964	18.757	ng/ul#	41
56) Dibenzofuran	14.916	168	646653	18.940	ng/ul	98
57) 2,4-Dinitrotoluene	14.881	165	167100	20.057	ng/ul#	75
58) 2,3,4,6-Tetrachlorophenol	15.145	232	136484	19.237	ng/ul#	84
59) Diethylphthalate	15.334	149	563299	19.445	ng/ul	93
61) Fluorene	15.563	166	538503	19.286	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.557	204	271995	18.727	ng/ul	98
63) 4-Nitroaniline	15.581	138	105443	19.661	ng/ul#	78
66) 4,6-Dinitro-2-methylph...	15.645	198	94571	18.288	ng/ul#	85
67) N-Nitrosodiphenylamine	15.769	169	463062	18.623	ng/ul	94
68) 4-Bromophenyl-phenylether	16.457	248	167474	18.341	ng/ul	95
69) Hexachlorobenzene	16.575	284	190813	18.167	ng/ul#	92
70) Atrazine	16.728	200	185052	18.577	ng/ul#	90
71) Pentachlorophenol	16.922	266	116632	17.697	ng/ul#	84
72) Phenanthrene	17.310	178	877886	18.553	ng/ul	99
74) Anthracene	17.404	178	890221	18.754	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.316	216	231446	17.176	ng/uL#	84
76) Pentachlorobenzene	14.839	250	220852	18.064	ng/uL	89
77) Carbazole	17.675	167	793684	19.025	ng/ul	96
78) Di-n-butylphthalate	18.222	149	1016620	20.008	ng/ul#	93
80) Fluoranthene	19.275	202	1097981	18.825	ng/ul	97
82) Pyrene	19.627	202	1131858	18.595	ng/ul	96
83) Butylbenzylphthalate	20.498	149	487653	20.036	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.269	252	335701	17.673	ng/ul#	95
85) Benzo(a)anthracene	21.333	228	1110868	18.796	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.263	149	727757	20.376	ng/ul#	82
87) Chrysene	21.386	228	1081818	18.610	ng/ul	99
89) Di-n-octyl phthalate	22.186	149	1269848	19.792	ng/ul	100
90) Benzo(b)fluoranthene	23.033	252	1089145	19.106	ng/ul	100
91) Benzo(k)fluoranthene	23.080	252	1011994	18.679	ng/ul#	98
93) Benzo(a)pyrene	23.663	252	1009267	19.056	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.286	276	991860	19.907	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.304	278	839811	19.425	ng/ul#	95
96) Benzo(g,h,i)perylene	27.057	276	833228	20.028	ng/ul#	90

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

