

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051922\
 Data File : BP010406.D
 Acq On : 19 May 2022 16:33
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020657

Quant Time: May 20 00:45:24 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 05/20/2022
 Supervised By :Yogesh Patel 05/24/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	103127	20.000	ng/u1	0.00
20) Naphthalene-d8	10.693	136	464340	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.528	164	331223	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.281	188	762923	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.363	240	854716	20.000	ng/u1	# 0.00
88) Perylene-d12	23.792	264	849703	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	19479	8.051	ng/uL	0.00
4) Pyridine-d5	3.758	84	133869	19.487	ng/u1	0.00
7) Phenol-d5	7.058	99	173146	20.004	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	121512m	20.895	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	139585	21.075	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	150236	20.424	ng/u1	0.00
21) Nitrobenzene-d5	9.052	128	74625	20.766	ng/u1	0.00
24) 2-Nitrophenol-d4	9.775	143	78312	20.563	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	148511	20.623	ng/u1	0.00
31) 4-Chloroaniline-d4	10.834	131	220109m	20.557	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	502580	20.595	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	585258	20.792	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	84860m	19.537	ng/u1	0.00
60) Fluorene-d10	15.522	176	447421	21.074	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	84595	18.960	ng/u1	0.00
73) Anthracene-d10	17.381	188	728419	21.085	ng/u1	0.00
81) Pyrene-d10	19.610	212	908472	20.014	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.633	264	900253	21.100	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.375	88	20931	8.351	ng/uL#	8
5) Pyridine	3.781	79	137188	19.216	ng/u1#	25
6) Benzaldehyde	7.034	77	111128m	24.286	ng/u1	
8) Phenol	7.087	94	188473m	20.183	ng/u1	
10) Bis(2-Chloroethyl)ether	7.316	93	148664	20.249	ng/u1#	69
12) 2-Chlorophenol	7.458	128	143621	20.771	ng/u1	95
13) 2-Methylphenol	8.340	108	144979	20.798	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.428	45	262326	21.923	ng/u1#	82
16) Acetophenone	8.716	105	241976	20.937	ng/u1#	75
17) N-Nitroso-di-n-propyla...	8.704	70	129626	20.957	ng/u1#	68
18) 4-Methylphenol	8.663	108	157879	20.492	ng/u1	95
19) Hexachloroethane	8.975	117	62508	20.786	ng/u1#	81
22) Nitrobenzene	9.093	77	196584	20.816	ng/u1#	84
23) Isophorone	9.622	82	357899	20.503	ng/u1#	97
25) 2-Nitrophenol	9.810	139	86225	20.619	ng/u1#	87
26) 2,4-Dimethylphenol	9.869	107	189102	20.841	ng/u1#	81
27) Bis(2-Chloroethoxy)met...	10.104	93	213237	20.517	ng/u1#	96
29) 2,4-Dichlorophenol	10.346	162	153818	20.892	ng/u1#	83
30) Naphthalene	10.746	128	504505	20.802	ng/u1	97
32) 4-Chloroaniline	10.857	127	214338	20.171	ng/u1	97
33) Hexachlorobutadiene	11.040	225	111042	21.284	ng/u1	94
34) Caprolactam	11.628	113	52029m	20.249	ng/u1	
35) 4-Chloro-3-methylphenol	11.981	107	183401	21.294	ng/u1#	74
36) 2-Methylnaphthalene	12.351	142	356552	20.766	ng/u1	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.575	142	365351	21.075	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.722	216	206964	20.476	ng/ul#	95
40) Hexachlorocyclopentadiene	12.704	237	104968	19.102	ng/ul	91
41) 2,4,6-Trichlorophenol	12.963	196	131770	20.914	ng/ul#	87
42) 2,4,5-Trichlorophenol	13.034	196	141692	20.141	ng/ul#	87
43) 1,1'-Biphenyl	13.363	154	501083	20.611	ng/ul	92
44) 2-Chloronaphthalene	13.404	162	390480	20.795	ng/ul	93
45) 2-Nitroaniline	13.604	65	134364	21.742	ng/ul#	75
47) Dimethylphthalate	13.981	163	500913	20.693	ng/ul#	93
48) 2,6-Dinitrotoluene	14.098	165	102429	20.758	ng/ul	99
50) Acenaphthylene	14.245	152	637159	20.924	ng/ul	95
51) 3-Nitroaniline	14.428	138	95631	20.649	ng/ul#	84
52) Acenaphthene	14.592	153	417064	20.995	ng/ul	96
53) 2,4-Dinitrophenol	14.639	184	42063	15.268	ng/ul#	72
55) 4-Nitrophenol	14.739	109	80590	20.866	ng/ul#	52
56) Dibenzofuran	14.928	168	616569	21.179	ng/ul	97
57) 2,4-Dinitrotoluene	14.887	165	153444	21.601	ng/ul#	71
58) 2,3,4,6-Tetrachlorophenol	15.157	232	126211	20.863	ng/ul#	85
59) Diethylphthalate	15.345	149	522973	21.173	ng/ul#	92
61) Fluorene	15.575	166	511313	21.477	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.569	204	262387	21.187	ng/ul	95
63) 4-Nitroaniline	15.592	138	103474m	22.628	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.657	198	85057	19.115	ng/ul#	92
67) N-Nitrosodiphenylamine	15.781	169	440905	20.607	ng/ul	93
68) 4-Bromophenyl-phenylether	16.469	248	160028	20.367	ng/ul	92
69) Hexachlorobenzene	16.586	284	183881	20.346	ng/ul#	89
70) Atrazine	16.739	200	170005	19.834	ng/ul#	90
71) Pentachlorophenol	16.933	266	105004	18.517	ng/ul	87
72) Phenanthrene	17.322	178	854849	20.996	ng/ul	99
74) Anthracene	17.416	178	862334	21.112	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.328	216	221741	19.125	ng/uL#	86
76) Pentachlorobenzene	14.851	250	214328	20.374	ng/uL	91
77) Carbazole	17.680	167	769219	21.429	ng/ul#	97
78) Di-n-butylphthalate	18.233	149	922357	21.097	ng/ul#	94
80) Fluoranthene	19.286	202	1061691	20.127	ng/ul	97
82) Pyrene	19.639	202	1109871	20.162	ng/ul#	95
83) Butylbenzylphthalate	20.510	149	453152	20.587	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.280	252	352655	20.529	ng/ul#	97
85) Benzo(a)anthracene	21.345	228	1131070	21.162	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.274	149	681811	21.108	ng/ul#	82
87) Chrysene	21.398	228	1112909	21.169	ng/ul	98
89) Di-n-octyl phthalate	22.204	149	1180799	18.524	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	1161177	20.503	ng/ul	99
91) Benzo(k)fluoranthene	23.098	252	1102289	20.478	ng/ul#	97
93) Benzo(a)pyrene	23.686	252	1112549	21.143	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.327	276	1102909	22.280	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.333	278	936246	21.797	ng/ul#	94
96) Benzo(g,h,i)perylene	27.098	276	937744	22.687	ng/ul#	92

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

