

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071822\
 Data File : BP011028.D
 Acq On : 19 Jul 2022 11:51
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020703

Quant Time: Jul 19 23:19:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071422.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 19 03:25:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/20/2022
 Supervised By :mohammad ahmed 07/20/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	575921	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	2490627	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.340	164	1431335	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.110	188	2877006	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.233	240	2710597	20.000	ng/u1	# 0.00
88) Perylene-d12	23.586	264	2817749	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	111684	6.991	ng/uL	0.00
4) Pyridine-d5	3.593	84	722724	17.503	ng/u1	0.00
7) Phenol-d5	6.858	99	833912	17.639	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	554030	18.225	ng/u1	0.00
11) 2-Chlorophenol-d4	7.211	132	699048	18.300	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	683929	18.071	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	331670	18.273	ng/u1	0.00
24) 2-Nitrophenol-d4	9.558	143	333667	18.578	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	592471	18.038	ng/u1	0.00
31) 4-Chloroaniline-d4	10.616	131	946451	17.479	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	1750950	17.898	ng/u1	0.00
49) Acenaphthylene-d8	14.034	160	2126108	18.420	ng/u1	0.00
54) 4-Nitrophenol-d4	14.557	143	338663	17.105	ng/u1	0.00
60) Fluorene-d10	15.340	176	1467021	17.642	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	238624	16.762	ng/u1	0.00
73) Anthracene-d10	17.210	188	2199975	17.987	ng/u1	0.00
81) Pyrene-d10	19.463	212	2499936	17.561	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.433	264	2438555	18.019	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.217	88	113211	6.754	ng/uL#	84
5) Pyridine	3.611	79	766144	18.004	ng/u1#	75
6) Benzaldehyde	6.828	77	520036	22.647	ng/u1	97
8) Phenol	6.887	94	900282	17.915	ng/u1#	86
10) Bis(2-Chloroethyl)ether	7.117	93	718559	18.017	ng/u1	91
12) 2-Chlorophenol	7.246	128	727202	18.416	ng/u1	92
13) 2-Methylphenol	8.128	108	664892	17.892	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.211	45	1008720m	18.492	ng/u1	
16) Acetophenone	8.505	105	1049131	18.312	ng/u1#	90
17) N-Nitroso-di-n-propyla...	8.499	70	537726	18.705	ng/u1	92
18) 4-Methylphenol	8.458	108	720293	18.154	ng/u1	100
19) Hexachloroethane	8.752	117	296201	18.955	ng/u1#	79
22) Nitrobenzene	8.881	77	783500	18.356	ng/u1	93
23) Isophorone	9.416	82	1467093	18.365	ng/u1	98
25) 2-Nitrophenol	9.593	139	372596	18.482	ng/u1#	82
26) 2,4-Dimethylphenol	9.658	107	781641	18.335	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.899	93	938566	17.753	ng/u1	99
29) 2,4-Dichlorophenol	10.122	162	608278	17.893	ng/u1	100
30) Naphthalene	10.522	128	2246796	17.703	ng/u1	100
32) 4-Chloroaniline	10.646	127	934367	17.446	ng/u1	100
33) Hexachlorobutadiene	10.805	225	352580	17.817	ng/u1	96
34) Caprolactam	11.440	113	263851	22.146	ng/u1	87
35) 4-Chloro-3-methylphenol	11.781	107	699392	18.204	ng/u1	95
36) 2-Methylnaphthalene	12.146	142	1464239	17.796	ng/u1	98

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37) 1-Methylnaphthalene	12.363	142	1476080	17.897	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.516	216	662697	17.554	ng/ul	98
40) Hexachlorocyclopentadiene	12.493	237	405317	17.335	ng/ul	96
41) 2,4,6-Trichlorophenol	12.763	196	442588	17.803	ng/ul	97
42) 2,4,5-Trichlorophenol	12.834	196	469559	17.673	ng/ul	99
43) 1,1'-Biphenyl	13.169	154	1890658	17.703	ng/ul#	98
44) 2-Chloronaphthalene	13.210	162	1414413	17.632	ng/ul	98
45) 2-Nitroaniline	13.422	65	433940	18.567	ng/ul#	83
47) Dimethylphthalate	13.810	163	1759251	17.822	ng/ul	98
48) 2,6-Dinitrotoluene	13.928	165	348864	19.521	ng/ul	94
50) Acenaphthylene	14.063	152	2365435	18.264	ng/ul	99
51) 3-Nitroaniline	14.257	138	380291	17.712	ng/ul	89
52) Acenaphthene	14.404	153	1517079	17.682	ng/ul	99
53) 2,4-Dinitrophenol	14.463	184	198120	18.949	ng/ul#	86
55) 4-Nitrophenol	14.575	109	300811	19.845	ng/ul#	76
56) Dibenzofuran	14.746	168	2102060	17.755	ng/ul	97
57) 2,4-Dinitrotoluene	14.716	165	499063	19.578	ng/ul	85
58) 2,3,4,6-Tetrachlorophenol	14.975	232	370823	17.822	ng/ul	88
59) Diethylphthalate	15.187	149	1830771	18.060	ng/ul	98
61) Fluorene	15.398	166	1697625	17.868	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.398	204	772230	17.655	ng/ul	94
63) 4-Nitroaniline	15.428	138	390716	19.800	ng/ul#	78
66) 4,6-Dinitro-2-methylph...	15.481	198	247415	16.941	ng/ul	98
67) N-Nitrosodiphenylamine	15.616	169	1452198	17.670	ng/ul	99
68) 4-Bromophenyl-phenylether	16.298	248	456675	17.600	ng/ul	96
69) Hexachlorobenzene	16.404	284	528704	17.556	ng/ul	95
70) Atrazine	16.587	200	508950	17.902	ng/ul	97
71) Pentachlorophenol	16.757	266	338490	18.251	ng/ul	97
72) Phenanthrene	17.151	178	2650746	17.685	ng/ul	98
74) Anthracene	17.245	178	2663442	17.863	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.128	216	687957	16.704	ng/ul	98
76) Pentachlorobenzene	14.657	250	631033	17.478	ng/ul	98
77) Carbazole	17.522	167	2501080	17.923	ng/ul	99
78) Di-n-butylphthalate	18.092	149	3142813	18.017	ng/ul	99
80) Fluoranthene	19.139	202	3037745	18.245	ng/ul#	88
82) Pyrene	19.492	202	3109509	18.101	ng/ul#	83
83) Butylbenzylphthalate	20.386	149	1458843	19.036	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.157	252	944978	19.689	ng/ul#	98
85) Benzo(a)anthracene	21.216	228	2979429	18.049	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.157	149	2212690	19.351	ng/ul#	96
87) Chrysene	21.269	228	2840391	17.523	ng/ul	99
89) Di-n-octyl phthalate	22.069	149	3720408	19.687	ng/ul	100
90) Benzo(b)fluoranthene	22.869	252	3070014	17.645	ng/ul#	95
91) Benzo(k)fluoranthene	22.916	252	2917723	17.854	ng/ul#	94
93) Benzo(a)pyrene	23.480	252	2975724	17.809	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.027	276	3453875	17.787	ng/ul#	88
95) Dibenzo(a,h)anthracene	26.051	278	2969039	17.670	ng/ul#	92
96) Benzo(g,h,i)perylene	26.774	276	2923191	17.676	ng/ul#	89

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

