

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082422\
 Data File : BP011571.D
 Acq On : 25 Aug 2022 20:47
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020759

Quant Time: Aug 26 03:20:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 25 02:14:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/26/2022
 Supervised By :mohammad ahmed 08/27/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.546	152	73676	20.000	ng/u1	0.00
20) Naphthalene-d8	10.334	136	316646	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.216	164	190406	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.986	188	387354	20.000	ng/u1	0.00
79) Chrysene-d12	21.116	240	376146	20.000	ng/u1	-0.01
88) Perylene-d12	23.398	264	374630	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	18870	7.948	ng/uL	0.00
4) Pyridine-d5	3.469	84	114328	18.808	ng/u1	0.00
7) Phenol-d5	6.734	99	122888	18.150	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.893	67	81450	18.517	ng/u1	0.00
11) 2-Chlorophenol-d4	7.081	132	98302	19.741	ng/u1	0.00
15) 4-Methylphenol-d8	8.269	113	98329	18.145	ng/u1	0.00
21) Nitrobenzene-d5	8.710	128	46690	20.481	ng/u1	0.00
24) 2-Nitrophenol-d4	9.428	143	47733	20.574	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.957	165	88887	20.756	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.487	131	139152	19.520	ng/u1	0.00
46) Dimethylphthalate-d6	13.645	166	276481	20.530	ng/u1	0.00
49) Acenaphthylene-d8	13.904	160	308360	20.602	ng/u1	0.00
54) 4-Nitrophenol-d4	14.451	143	46465	17.908	ng/u1	0.00
60) Fluorene-d10	15.222	176	233349	20.596	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.357	200	39673	18.954	ng/u1	-0.01
73) Anthracene-d10	17.086	188	355921	20.747	ng/u1	0.00
81) Pyrene-d10	19.351	212	383371	20.145	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.251	264	368188	20.204	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.093	88	19774	7.988	ng/uL	93
5) Pyridine	3.493	79	115930	19.107	ng/u1	99
6) Benzaldehyde	6.699	77	68743m	22.124	ng/u1	
8) Phenol	6.758	94	125006	17.967	ng/u1	98
10) Bis(2-Chloroethyl)ether	6.987	93	99249	18.287	ng/u1	94
12) 2-Chlorophenol	7.110	128	104342	19.472	ng/u1	98
13) 2-Methylphenol	7.999	108	93803	18.301	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.075	45	148591	18.481	ng/u1	99
16) Acetophenone	8.375	105	164191	18.213	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.363	70	84865	18.926	ng/u1	98
18) 4-Methylphenol	8.328	108	103097	18.168	ng/u1	92
19) Hexachloroethane	8.610	117	48009	19.752	ng/u1	98
22) Nitrobenzene	8.752	77	132207	20.575	ng/u1	99
23) Isophorone	9.281	82	229637	20.359	ng/u1	99
25) 2-Nitrophenol	9.457	139	55136	20.829	ng/u1	95
26) 2,4-Dimethylphenol	9.528	107	128014	20.368	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.769	93	136038	19.953	ng/u1	99
29) 2,4-Dichlorophenol	9.987	162	91114	20.789	ng/u1	99
30) Naphthalene	10.381	128	333212	19.930	ng/u1	99
32) 4-Chloroaniline	10.510	127	140872	19.073	ng/u1	98
33) Hexachlorobutadiene	10.657	225	57862	20.738	ng/u1	98
34) Caprolactam	11.304	113	29174	18.358	ng/u1	97
35) 4-Chloro-3-methylphenol	11.651	107	112566	20.314	ng/u1	94
36) 2-Methylnaphthalene	12.010	142	216145	19.871	ng/u1	98

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37) 1-Methylnaphthalene	12.234	142	219301	19.878	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.381	216	99247	20.536	ng/ul	96
40) Hexachlorocyclopentadiene	12.357	237	50691	16.907	ng/ul	98
41) 2,4,6-Trichlorophenol	12.634	196	66183	21.278	ng/ul	98
42) 2,4,5-Trichlorophenol	12.710	196	71259	20.580	ng/ul	99
43) 1,1'-Biphenyl	13.045	154	288250	20.317	ng/ul	99
44) 2-Chloronaphthalene	13.081	162	219363	20.518	ng/ul	98
45) 2-Nitroaniline	13.304	65	76665	21.011	ng/ul	96
47) Dimethylphthalate	13.692	163	284313	20.426	ng/ul	99
48) 2,6-Dinitrotoluene	13.816	165	52225	20.870	ng/ul	98
50) Acenaphthylene	13.934	152	362288	20.374	ng/ul	99
51) 3-Nitroaniline	14.145	138	50809	18.640	ng/ul#	96
52) Acenaphthene	14.281	153	240873	20.224	ng/ul	98
53) 2,4-Dinitrophenol	14.357	184	25906	16.914	ng/ul	92
55) 4-Nitrophenol	14.463	109	59512	19.250	ng/ul	94
56) Dibenzofuran	14.622	168	333158	20.285	ng/ul	97
57) 2,4-Dinitrotoluene	14.610	165	78697	21.007	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	14.851	232	58215	21.415	ng/ul	98
59) Diethylphthalate	15.069	149	315602	20.702	ng/ul	99
61) Fluorene	15.275	166	271907	20.237	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.281	204	124387	20.492	ng/ul	97
63) 4-Nitroaniline	15.316	138	51993m	19.748	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.375	198	41711	19.265	ng/ul	96
67) N-Nitrosodiphenylamine	15.498	169	235724	20.742	ng/ul	98
68) 4-Bromophenyl-phenylether	16.181	248	72327	20.917	ng/ul	97
69) Hexachlorobenzene	16.281	284	83361	20.919	ng/ul	100
70) Atrazine	16.475	200	84820	20.000	ng/ul	99
71) Pentachlorophenol	16.639	266	48448	19.607	ng/ul	98
72) Phenanthrene	17.028	178	428887	20.456	ng/ul	99
74) Anthracene	17.122	178	431968	20.422	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.998	216	103672	20.821	ng/uL	98
76) Pentachlorobenzene	14.534	250	100286	21.226	ng/uL	99
77) Carbazole	17.404	167	393484	19.777	ng/ul	99
78) Di-n-butylphthalate	17.975	149	524433	21.405	ng/ul	99
80) Fluoranthene	19.022	202	480734	20.541	ng/ul	98
82) Pyrene	19.380	202	496382	20.185	ng/ul	97
83) Butylbenzylphthalate	20.274	149	236878	21.473	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.045	252	141583	19.883	ng/ul	99
85) Benzo(a)anthracene	21.098	228	466103	20.339	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.045	149	346137	21.203	ng/ul	99
87) Chrysene	21.151	228	455426	20.230	ng/ul	99
89) Di-n-octyl phthalate	21.933	149	581190	19.299	ng/ul	100
90) Benzo(b)fluoranthene	22.704	252	468037	20.084	ng/ul	100
91) Benzo(k)fluoranthene	22.751	252	456244	20.516	ng/ul	98
93) Benzo(a)pyrene	23.298	252	461270	20.274	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.751	276	506987	19.978	ng/ul	99
95) Dibenzo(a,h)anthracene	25.768	278	434246	19.873	ng/ul	98
96) Benzo(g,h,i)perylene	26.474	276	428338	19.843	ng/ul	98

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

