

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102422\
 Data File : BP012292.D
 Acq On : 24 Oct 2022 19:05
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020793

Quant Time: Oct 25 06:33:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 22 01:24:49 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/27/2022
 Supervised By :mohammad ahmed 10/27/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	352493	20.000	ng/u1	0.00
20) Naphthalene-d8	10.622	136	1600102	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.469	164	926312	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.228	188	1822919	20.000	ng/u1	0.00
79) Chrysene-d12	21.321	240	1939060	20.000	ng/u1	0.00
88) Perylene-d12	23.721	264	2130775	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	27037m	3.104	ng/uL	0.00
4) Pyridine-d5	3.675	84	219756	8.756	ng/u1	0.00
7) Phenol-d5	6.987	99	606620	19.934	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	393303	21.311	ng/u1	0.00
11) 2-Chlorophenol-d4	7.346	132	461718	19.933	ng/u1	0.00
15) 4-Methylphenol-d8	8.534	113	485671	20.535	ng/u1	0.00
21) Nitrobenzene-d5	8.987	128	238032	20.097	ng/u1	0.00
24) 2-Nitrophenol-d4	9.704	143	245484	19.210	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	462514	19.296	ng/u1	0.00
31) 4-Chloroaniline-d4	10.769	131	625197	18.358	ng/u1	0.00
46) Dimethylphthalate-d6	13.881	166	1228304	19.063	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	1495785	20.337	ng/u1	0.00
54) 4-Nitrophenol-d4	14.687	143	219772	18.206	ng/u1	0.00
60) Fluorene-d10	15.463	176	1067052	19.249	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	149050	14.373	ng/u1	0.00
73) Anthracene-d10	17.328	188	1614518	20.206	ng/u1	0.00
81) Pyrene-d10	19.569	212	1865174	16.895	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.563	264	2075198	19.421	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	26245	2.800	ng/uL	87
5) Pyridine	3.699	79	212704	8.622	ng/u1	87
6) Benzaldehyde	6.963	77	345152	24.131	ng/u1	98
8) Phenol	7.016	94	637299	20.018	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.246	93	525858	20.464	ng/u1	96
12) 2-Chlorophenol	7.381	128	495109	19.810	ng/u1	96
13) 2-Methylphenol	8.269	108	496619	20.719	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.352	45	812278	23.770	ng/u1	98
16) Acetophenone	8.652	105	802439	21.964	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.634	70	400057	21.633	ng/u1	95
18) 4-Methylphenol	8.599	108	541854	20.758	ng/u1	97
19) Hexachloroethane	8.893	117	212532	21.528	ng/u1	96
22) Nitrobenzene	9.028	77	621481	21.536	ng/u1	97
23) Isophorone	9.557	82	1179739	21.299	ng/u1	97
25) 2-Nitrophenol	9.740	139	281416	19.383	ng/u1	93
26) 2,4-Dimethylphenol	9.799	107	575637	20.114	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.040	93	739751	20.402	ng/u1	99
29) 2,4-Dichlorophenol	10.269	162	476492	19.210	ng/u1	98
30) Naphthalene	10.669	128	1658133	19.376	ng/u1	100
32) 4-Chloroaniline	10.793	127	658628	18.737	ng/u1	100
33) Hexachlorobutadiene	10.946	225	305243	19.565	ng/u1	98
34) Caprolactam	11.587	113	142268	18.476	ng/u1	82
35) 4-Chloro-3-methylphenol	11.916	107	500556	18.691	ng/u1	97
36) 2-Methylnaphthalene	12.287	142	1092154	18.757	ng/u1	99

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37) 1-Methylnaphthalene	12.504	142	1093445	18.807	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.651	216	559559	19.881	ng/ul	99
40) Hexachlorocyclopentadiene	12.628	237	233912	15.632	ng/ul	99
41) 2,4,6-Trichlorophenol	12.898	196	356254	19.612	ng/ul	98
42) 2,4,5-Trichlorophenol	12.975	196	375762	18.963	ng/ul	98
43) 1,1'-Biphenyl	13.298	154	1387635	20.141	ng/ul	100
44) 2-Chloronaphthalene	13.340	162	1091786	19.988	ng/ul	99
45) 2-Nitroaniline	13.557	65	280561	19.321	ng/ul	90
47) Dimethylphthalate	13.928	163	1302131	19.285	ng/ul	100
48) 2,6-Dinitrotoluene	14.057	165	232848	18.023	ng/ul	92
50) Acenaphthylene	14.187	152	1639863	20.010	ng/ul	100
51) 3-Nitroaniline	14.387	138	249680	18.308	ng/ul	96
52) Acenaphthene	14.534	153	1143512	19.730	ng/ul	98
53) 2,4-Dinitrophenol	14.598	184	133133	17.161	ng/ul	93
55) 4-Nitrophenol	14.698	109	195860	21.838	ng/ul	95
56) Dibenzofuran	14.869	168	1547736	19.507	ng/ul	98
57) 2,4-Dinitrotoluene	14.845	165	348787	18.916	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.098	232	311429	18.590	ng/ul	96
59) Diethylphthalate	15.292	149	1287680	19.404	ng/ul	98
61) Fluorene	15.522	166	1222945	19.455	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.516	204	594826	18.989	ng/ul	97
63) 4-Nitroaniline	15.557	138	251206m	19.622	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.610	198	161860	14.868	ng/ul#	93
67) N-Nitrosodiphenylamine	15.734	169	1035545	19.572	ng/ul	100
68) 4-Bromophenyl-phenylether	16.416	248	376997	19.533	ng/ul	99
69) Hexachlorobenzene	16.528	284	438846	19.289	ng/ul	96
70) Atrazine	16.692	200	287395	15.560	ng/ul	99
71) Pentachlorophenol	16.881	266	247748	18.040	ng/ul	99
72) Phenanthrene	17.269	178	1961413	20.020	ng/ul	100
74) Anthracene	17.363	178	1981153	20.437	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.263	216	558787	20.542	ng/ul	99
76) Pentachlorobenzene	14.787	250	566890	19.785	ng/ul	98
77) Carbazole	17.639	167	1796217	20.995	ng/ul	99
78) Di-n-butylphthalate	18.186	149	2116098	20.619	ng/ul	99
80) Fluoranthene	19.239	202	2295567	16.827	ng/ul	100
82) Pyrene	19.592	202	2420956	17.345	ng/ul	99
83) Butylbenzylphthalate	20.469	149	924978	17.039	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.239	252	641331	15.186	ng/ul	98
85) Benzo(a)anthracene	21.304	228	2507153	19.839	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	1330980	17.500	ng/ul	99
87) Chrysene	21.357	228	2304646	19.542	ng/ul	99
89) Di-n-octyl phthalate	22.145	149	2445135	16.591	ng/ul	100
90) Benzo(b)fluoranthene	22.986	252	2635858	18.562	ng/ul	99
91) Benzo(k)fluoranthene	23.033	252	2598614	18.565	ng/ul	99
93) Benzo(a)pyrene	23.610	252	2360178	19.436	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.209	276	3013009	21.434	ng/ul	100
95) Dibenzo(a,h)anthracene	26.227	278	2723211	21.488	ng/ul	98
96) Benzo(g,h,i)perylene	26.986	276	2604686	19.734	ng/ul	100

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

