Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101922\
Data File : BP012200.D
Acq On : 19 Oct 2022 12:14
Operator : CG/JU
Sample : SSTD01081
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 19 23:51:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 19 23:49:40 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD010646

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	443856	20.000	ng/ul	0.00
20) Naphthalene-d8	10.634	136	1954559	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.481	164	1263953	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	2668958	20.000	ng/ul	0.00
79) Chrysene-d12	21.333	240	2521004	20.000	ng/ul	0.00
88) Perylene-d12	23.739	264	2217487	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	44163	3.819	ng/uL	0.00
4) Pyridine-d5	3.687	84	287227	9.095	ng/ul	0.00
7) Phenol-d5	6.999	99	354182	9.405	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	230328	10.086	ng/ul	0.00
11) 2-Chlorophenol-d4	7.358	132	280365	9.895	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113	280312	9.886	ng/ul	0.00
21) Nitrobenzene-d5	8.993	128	135861	10.007	ng/ul	0.00
24) 2-Nitrophenol-d4	9.716	143	141511	10.060	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	282846	10.164	ng/ul	0.00
31) 4-Chloroaniline-d4	10.781	131	422015	10.649	ng/ul	0.00
46) Dimethylphthalate-d6	13.892	166	886586	10.798	ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	1001766	10.297	ng/ul	0.00
54) 4-Nitrophenol-d4	14.687	143	147882	9.885	ng/ul	0.00
60) Fluorene-d10	15.475	176	780367	10.710	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	117032	8.197	ng/ul	0.00
73) Anthracene-d10	17.339	188	1186307	10.267	ng/ul	0.00
81) Pyrene-d10	19.575	212	1354158	10.410	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.580	264	1088427	10.065	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	47315	3.801	ng/uL	96
5) Pyridine	3.705	79	288497	9.200	ng/ul	98
6) Benzaldehyde	6.975	77	179907m	10.173	ng/ul	
8) Phenol	7.022	94	386189	9.834	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.258	93	318297	10.038	ng/ul	98
12) 2-Chlorophenol	7.387	128	307747	10.036	ng/ul	98
13) 2-Methylphenol	8.275	108	283733	9.716	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.363	45	437785	10.362	ng/ul	99
16) Acetophenone	8.657	105	473771	10.736	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.640	70	231848	10.931	ng/ul	98
18) 4-Methylphenol	8.604	108	318797	10.143	ng/ul	96
19) Hexachloroethane	8.904	117	120677	9.842	ng/ul	99
22) Nitrobenzene	9.040	77	343136	10.036	ng/ul	99
23) Isophorone	9.563	82	648892	10.359	ng/ul	100
25) 2-Nitrophenol	9.752	139	166268	10.211	ng/ul	99
26) 2,4-Dimethylphenol	9.810	107	346132	10.239	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.051	93	441980	10.400	ng/ul	99
29) 2,4-Dichlorophenol	10.281	162	298281	10.309	ng/ul	99
30) Naphthalene	10.681	128	1059482	10.236	ng/ul	99
32) 4-Chloroaniline	10.804	127	443668	10.830	ng/ul	100
33) Hexachlorobutadiene	10.963	225	186999	10.003	ng/ul	98
34) Caprolactam	11.598	113	82028m	10.353	ng/ul	
35) 4-Chloro-3-methylphenol	11.928	107	321876	10.977	ng/ul	99
36) 2-Methylnaphthalene	12.298	142	723687	10.748	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.516	142	728296	10.853	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.663	216	382488	9.791	ng/ul	99
40) Hexachlorocyclopentadiene	12.634	237	148904	7.311	ng/ul	100
41) 2,4,6-Trichlorophenol	12.910	196	236875	9.816	ng/ul	99
42) 2,4,5-Trichlorophenol	12.981	196	254884	9.958	ng/ul	99
43) 1,1'-Biphenyl	13.310	154	955548	10.043	ng/ul	99
44) 2-Chloronaphthalene	13.351	162	757786	10.017	ng/ul	99
45) 2-Nitroaniline	13.563	65	179991	10.212	ng/ul	95
47) Dimethylphthalate	13.940	163	937556	10.847	ng/ul	99
48) 2,6-Dinitrotoluene	14.063	165	160498	10.710	ng/ul	96
50) Acenaphthylene	14.198	152	1152252	10.457	ng/ul	100
51) 3-Nitroaniline	14.392	138	161225	9.608	ng/ul	100
52) Acenaphthene	14.539	153	808138	10.249	ng/ul	99
53) 2,4-Dinitrophenol	14.604	184	64814	6.591	ng/ul	98
55) 4-Nitrophenol	14.704	109	112967	10.098	ng/ul	97
56) Dibenzofuran	14.875	168	1130393	10.553	ng/ul	99
57) 2,4-Dinitrotoluene	14.851	165	239072	11.080	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.104	232	225604	10.841	ng/ul	97
59) Diethylphthalate	15.304	149	918781	11.186	ng/ul	99
61) Fluorene	15.528	166	919869	10.933	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.528	204	454715	11.073	ng/ul	99
63) 4-Nitroaniline	15.563	138	157209	10.643	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.616	198	127408	8.265	ng/ul#	92
67) N-Nitrosodiphenylamine	15.739	169	783858	10.067	ng/ul	100
68) 4-Bromophenyl-phenylether	16.422	248	276507	10.176	ng/ul	95
69) Hexachlorobenzene	16.534	284	328302	10.131	ng/ul	96
70) Atrazine	16.704	200	259577	10.263	ng/ul	97
71) Pentachlorophenol	16.886	266	165893	8.652	ng/ul	99
72) Phenanthrene	17.281	178	1479594	10.218	ng/ul	100
74) Anthracene	17.375	178	1473706	10.338	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.269	216	380512	8.853	ng/uL	99
76) Pentachlorobenzene	14.792	250	410745	9.477	ng/uL	99
77) Carbazole	17.651	167	1316888	10.507	ng/ul	100
78) Di-n-butylphthalate	18.198	149	1489558	10.910	ng/ul	100
80) Fluoranthene	19.251	202	1672246	10.359	ng/ul	99
82) Pyrene	19.604	202	1766200	10.411	ng/ul	99
83) Butylbenzylphthalate	20.480	149	628786	10.571	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.251	252	537773	9.653	ng/ul	99
85) Benzo(a)anthracene	21.316	228	1660998	10.422	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.239	149	912851	10.852	ng/ul	100
87) Chrysene	21.369	228	1556594	10.189	ng/ul	99
89) Di-n-octyl phthalate	22.163	149	1469608	11.635	ng/ul	100
90) Benzo(b)fluoranthene	23.004	252	1535250	10.927	ng/ul	100
91) Benzo(k)fluoranthene	23.051	252	1458492	10.479	ng/ul	99
93) Benzo(a)pyrene	23.633	252	1252726	10.088	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.233	276	1308634	8.344	ng/ul	98
95) Dibenzo(a,h)anthracene	26.257	278	1199566	8.472	ng/ul	99
96) Benzo(g,h,i)perylene	27.004	276	1118361	7.884	ng/ul	99

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

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