Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051122\
Data File : BP010344.D
Acq On : 13 May 2022 03:34
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020798

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

Quant Time: May 13 04:10:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051022.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 12 01:10:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	166532	20.000	ng/ul	0.00
20) Naphthalene-d8	10.704	136	759084	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.534	164	530424	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.286	188	1176374	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.363	240	1202154	20.000	ng/ul	#-0.01
88) Perylene-d12	23.792	264	1134420	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	31651	8.074	ng/uL	0.00
4) Pyridine-d5	3.764	84	238033	21.821	ng/ul	0.00
7) Phenol-d5	7.063	99	331011	21.401	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	212537	22.212	ng/ul	0.00
11) 2-Chlorophenol-d4	7.434	132	253692	22.271	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	277741	21.842	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	135654	22.288	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.787	143	150644	21.708	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	285175	22.578	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.840	131	406308	21.790	ng/ul	0.00
46) Dimethylphthalate-d6	13.940	166	894612	21.171	ng/ul	-0.01
49) Acenaphthylene-d8	14.228	160	1111306	22.058	ng/ul	0.00
54) 4-Nitrophenol-d4	14.728	143	165694m	20.442	ng/ul	-0.01
60) Fluorene-d10	15.528	176	775732	21.747	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	151504	18.807	ng/ul	-0.01
73) Anthracene-d10	17.381	188	1246172	21.632	ng/ul	-0.01
81) Pyrene-d10	19.616	212	1493569	22.483	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.633	264	1345227	22.236	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	32728	8.168	ng/uL#	25
5) Pyridine	3.781	79	241478	21.120	ng/ul#	36
6) Benzaldehyde	7.040	77	223035	26.094	ng/ul	97
8) Phenol	7.093	94	335848	21.537	ng/ul#	93
10) Bis(2-Chloroethyl)ether	7.322	93	271774	22.272	ng/ul#	76
12) 2-Chlorophenol	7.463	128	255097	22.298	ng/ul	97
13) 2-Methylphenol	8.346	108	255800	21.612	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.434	45	439755	22.911	ng/ul#	82
16) Acetophenone	8.728	105	437244	21.998	ng/ul#	79
17) N-Nitroso-di-n-propyla...	8.710	70	233790	22.516	ng/ul#	71
18) 4-Methylphenol	8.675	108	282376	21.805	ng/ul	93
19) Hexachloroethane	8.981	117	107597	22.059	ng/ul#	79
22) Nitrobenzene	9.104	77	338133	21.886	ng/ul#	85
23) Isophorone	9.634	82	661207	21.851	ng/ul#	96
25) 2-Nitrophenol	9.816	139	158199	22.191	ng/ul#	85
26) 2,4-Dimethylphenol	9.875	107	336910	22.133	ng/ul#	79
27) Bis(2-Chloroethoxy)met...	10.110	93	388546	21.880	ng/ul#	96
29) 2,4-Dichlorophenol	10.351	162	273413m	22.160	ng/ul	
30) Naphthalene	10.751	128	886180	21.880	ng/ul	97
32) 4-Chloroaniline	10.863	127	401438	21.573	ng/ul	98
33) Hexachlorobutadiene	11.046	225	183860	21.759	ng/ul	94
34) Caprolactam	11.634	113	95880m	20.396	ng/ul	
35) 4-Chloro-3-methylphenol	11.987	107	325889	21.950	ng/ul#	70
36) 2-Methylnaphthalene	12.363	142	628429	21.914	ng/ul	90

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37) 1-Methylnaphthalene	12.581	142	634097	21.752	ng/ul#	93
39) 1,2,4,5-Tetrachloroben...	12.734	216	362180	22.211	ng/ul	97
40) Hexachlorocyclopentadiene	12.716	237	181637	19.983	ng/ul	96
41) 2,4,6-Trichlorophenol	12.969	196	232682	21.758	ng/ul#	82
42) 2,4,5-Trichlorophenol	13.040	196	258187	22.154	ng/ul#	86
43) 1,1'-Biphenyl	13.369	154	867645	21.897	ng/ul	93
44) 2-Chloronaphthalene	13.410	162	676683	22.049	ng/ul	93
45) 2-Nitroaniline	13.610	65	234475	22.568	ng/ul#	80
47) Dimethylphthalate	13.987	163	879781	21.458	ng/ul#	92
48) 2,6-Dinitrotoluene	14.104	165	187545	22.418	ng/ul	95
50) Acenaphthylene	14.251	152	1114533	22.113	ng/ul	95
51) 3-Nitroaniline	14.434	138	133988	18.306	ng/ul#	85
52) Acenaphthene	14.598	153	711476	21.807	ng/ul	98
53) 2,4-Dinitrophenol	14.645	184	92651	16.925	ng/ul#	78
55) 4-Nitrophenol	14.745	109	139120	20.238	ng/ul#	45
56) Dibenzofuran	14.934	168	1035327	21.686	ng/ul	100
57) 2,4-Dinitrotoluene	14.892	165	271482	22.181	ng/ul#	77
58) 2,3,4,6-Tetrachlorophenol	15.157	232	223080	21.565	ng/ul#	86
59) Diethylphthalate	15.351	149	886992	20.957	ng/ul	93
61) Fluorene	15.581	166	851430	21.532	ng/ul	89
62) 4-Chlorophenyl-phenyle...	15.575	204	442521	21.647	ng/ul	98
63) 4-Nitroaniline	15.598	138	135714m	18.764	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.663	198	146526	18.671	ng/ul#	89
67) N-Nitrosodiphenylamine	15.786	169	745200	21.550	ng/ul	96
68) 4-Bromophenyl-phenylether	16.469	248	269135	21.659	ng/ul	97
69) Hexachlorobenzene	16.592	284	309397	21.528	ng/ul#	89
70) Atrazine	16.745	200	295308	21.138	ng/ul	91
71) Pentachlorophenol	16.933	266	192559m	20.185	ng/ul	
72) Phenanthrene	17.328	178	1396484	21.531	ng/ul	99
74) Anthracene	17.416	178	1414674	21.505	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.334	216	382186m	22.204	ng/uL	
76) Pentachlorobenzene	14.857	250	359479	21.844	ng/uL	90
77) Carbazole	17.686	167	1255038	21.145	ng/ul#	96
78) Di-n-butylphthalate	18.239	149	1557024	20.757	ng/ul#	92
80) Fluoranthene	19.292	202	1708729	22.622	ng/ul	96
82) Pyrene	19.645	202	1757907	22.485	ng/ul	95
83) Butylbenzylphthalate	20.510	149	739630	22.214	ng/ul#	80
84) 3,3'-Dichlorobenzidine	21.280	252	481171	18.727	ng/ul#	97
85) Benzo(a)anthracene	21.351	228	1712635	21.793	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.274	149	1088812	21.674	ng/ul#	83
87) Chrysene	21.404	228	1685152	21.636	ng/ul	99
89) Di-n-octyl phthalate	22.204	149	1865240	24.425	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	1702390	22.849	ng/ul	100
91) Benzo(k)fluoranthene	23.098	252	1625439	23.122	ng/ul#	97
93) Benzo(a)pyrene	23.686	252	1594451	22.092	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.327	276	1510397	18.933	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.339	278	1280418	18.773	ng/ul#	94
96) Benzo(g,h,i)perylene	27.104	276	1247783m	18.519	ng/ul	

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

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