Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120522\
Data File : BP012956.D
Acq On : 05 Dec 2022 17:49
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 05 21:52:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120122.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 01 23:46:27 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020694

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/07/2022
Supervised By :mohammad ahmed 12/08/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.011	152	552004	20.000	ng/ul	0.00
20) Naphthalene-d8	10.828	136	2566392	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	1788818	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.410	188	3986029	20.000	ng/ul	0.01
79) Chrysene-d12	21.492	240	3721288	20.000	ng/ul	0.01
88) Perylene-d12	24.010	264	3125946	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	107709	8.683	ng/uL	0.00
4) Pyridine-d5	3.817	84	835429	20.869	ng/ul	0.00
7) Phenol-d5	7.163	99	981990	19.264	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	594993	20.616	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	773373	20.699	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	806260	19.262	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	393295	21.550	ng/ul	0.00
24) 2-Nitrophenol-d4	9.905	143	443136	21.217	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.440	165	877251	20.981	ng/ul	0.00
31) 4-Chloroaniline-d4	10.963	131	1173475	19.864	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	2656350	20.589	ng/ul	0.01
49) Acenaphthylene-d8	14.345	160	3057444	21.463	ng/ul	0.01
54) 4-Nitrophenol-d4	14.840	143	492176	18.650	ng/ul	0.01
60) Fluorene-d10	15.645	176	2343535	20.666	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.757	200	448918	19.196	ng/ul	0.01
73) Anthracene-d10	17.504	188	3716885	21.096	ng/ul	0.00
81) Pyrene-d10	19.733	212	4323948	23.639	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.845	264	3233731	21.172	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	116187	8.792	ng/uL#	95
5) Pyridine	3.840	79	820919	21.050	ng/ul	99
6) Benzaldehyde	7.146	77	535277	21.370	ng/ul	99
8) Phenol	7.187	94	1020612	19.284	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.428	93	832516	20.392	ng/ul	99
12) 2-Chlorophenol	7.569	128	831861	20.805	ng/ul	99
13) 2-Methylphenol	8.452	108	811018	19.599	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.540	45	1185616	20.725	ng/ul	99
16) Acetophenone	8.840	105	1323858	20.420	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.822	70	662479	20.101	ng/ul	99
18) 4-Methylphenol	8.781	108	896684	19.404	ng/ul	96
19) Hexachloroethane	9.099	117	318779	21.589	ng/ul	97
22) Nitrobenzene	9.222	77	941668	21.391	ng/ul	98
23) Isophorone	9.752	82	1951656	20.753	ng/ul	99
25) 2-Nitrophenol	9.934	139	504584	21.475	ng/ul	97
26) 2,4-Dimethylphenol	9.993	107	966016	20.935	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.228	93	1178110	20.688	ng/ul	99
29) 2,4-Dichlorophenol	10.469	162	887956	20.883	ng/ul	99
30) Naphthalene	10.881	128	2836063	20.946	ng/ul	99
32) 4-Chloroaniline	10.987	127	1221015	20.094	ng/ul	100
33) Hexachlorobutadiene	11.163	225	595826	22.248	ng/ul	97
34) Caprolactam	11.769	113	289257m	18.140	ng/ul	
35) 4-Chloro-3-methylphenol	12.099	107	925931	19.702	ng/ul	100
36) 2-Methylnaphthalene	12.481	142	2028646	20.665	ng/ul	99

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1-Methylnaphthalene	12.698	142	2037032	20.605 ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.846	216	1197885	22.059 ng/ul	96
40) Hexachlorocyclopentadiene	12.822	237	630431	22.798 ng/ul	100
41) 2,4,6-Trichlorophenol	13.081	196	779978	20.957 ng/ul	99
42) 2,4,5-Trichlorophenol	13.151	196	839696	20.976 ng/ul	100
43) 1,1'-Biphenyl	13.487	154	2692751	21.327 ng/ul	99
44) 2-Chloronaphthalene	13.528	162	2173013	21.503 ng/ul	99
45) 2-Nitroaniline	13.728	65	571282	21.002 ng/ul	97
47) Dimethylphthalate	14.104	163	2780148	20.628 ng/ul	100
48) 2,6-Dinitrotoluene	14.222	165	543748	21.625 ng/ul	100
50) Acenaphthylene	14.375	152	3319388	21.266 ng/ul	100
51) 3-Nitroaniline	14.551	138	556684	19.921 ng/ul	98
52) Acenaphthene	14.716	153	2313450	20.915 ng/ul	100
53) 2,4-Dinitrophenol	14.757	184	300402	16.698 ng/ul	98
55) 4-Nitrophenol	14.851	109	355701	19.245 ng/ul	96
56) Dibenzofuran	15.051	168	3250022	20.746 ng/ul	100
57) 2,4-Dinitrotoluene	15.010	165	785685	20.875 ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.275	232	780214	20.697 ng/ul	96
59) Diethylphthalate	15.463	149	2747685	20.455 ng/ul	99
61) Fluorene	15.698	166	2679361	20.689 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.687	204	1418337	21.202 ng/ul	98
63) 4-Nitroaniline	15.716	138	526012	19.820 ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.775	198	488054	19.694 ng/ul#	99
67) N-Nitrosodiphenylamine	15.904	169	2323230	21.321 ng/ul	100
68) 4-Bromophenyl-phenylether	16.587	248	908057	23.013 ng/ul	100
69) Hexachlorobenzene	16.704	284	1071110	21.730 ng/ul	99
70) Atrazine	16.863	200	855726	21.162 ng/ul	98
71) Pentachlorophenol	17.051	266	676756	21.200 ng/ul	100
72) Phenanthrene	17.451	178	4394247	20.899 ng/ul	99
74) Anthracene	17.539	178	4458683	21.162 ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.451	216	1212010	22.825 ng/uL	99
76) Pentachlorobenzene	14.969	250	1317178	22.281 ng/uL	99
77) Carbazole	17.810	167	3989224	21.768 ng/ul	100
78) Di-n-butylphthalate	18.351	149	4921055	19.727 ng/ul	100
80) Fluoranthene	19.410	202	5255755	24.241 ng/ul	100
82) Pyrene	19.763	202	5430829	24.077 ng/ul	99
83) Butylbenzylphthalate	20.627	149	2185599	24.042 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.404	252	1640162	20.176 ng/ul	100
85) Benzo(a)anthracene	21.474	228	4986585	21.227 ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.386	149	3259288	24.586 ng/ul	99
87) Chrysene	21.533	228	4699032	21.320 ng/ul	100
89) Di-n-octyl phthalate	22.351	149	5343413	33.495 ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	4400902	22.128 ng/ul	99
91) Benzo(k)fluoranthene	23.286	252	4253554	22.553 ng/ul	100
93) Benzo(a)pyrene	23.898	252	3699489	21.067 ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.645	276	4122522	19.183 ng/ul	98
95) Dibenzo(a,h)anthracene	26.662	278	3747455	19.476 ng/ul	99
96) Benzo(g,h,i)perylene	27.457	276	3557245	19.069 ng/ul	99

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

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