Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110321\
Data File : BG050835.D
Acq On : 3 Nov 2021 4:38
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020536

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/03/2021
Supervised By :mohammad ahmed 11/08/2021

Quant Time: Nov 03 05:15:49 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 02 14:49:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.234	152	36971	20.000	ng/ul	0.00
20) Naphthalene-d8	11.055	136	189117	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.856	164	139493	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.600	188	319879	20.000	ng/ul	0.00
79) Chrysene-d12	21.901	240	256540	20.000	ng/ul	0.00
88) Perylene-d12	25.303	264	220892	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.587	96	8326	7.269	ng/uL	0.00
4) Pyridine-d5	4.010	84	59953	17.495	ng/ul	0.00
7) Phenol-d5	7.371	99	71210	18.055	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.547	67	47200	18.526	ng/ul	0.00
11) 2-Chlorophenol-d4	7.758	132	50097	18.328	ng/ul	0.00
15) 4-Methylphenol-d8	8.928	113	56776	18.285	ng/ul	0.00
21) Nitrobenzene-d5	9.404	128	28096	17.482	ng/ul	0.00
24) 2-Nitrophenol-d4	10.126	143	31213	17.467	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.667	165	52530	17.451	ng/ul	0.00
31) 4-Chloroaniline-d4	11.184	131	82489	18.095	ng/ul	0.00
46) Dimethylphthalate-d6	14.245	166	187368	17.557	ng/ul	0.00
49) Acenaphthylene-d8	14.550	160	228675	17.199	ng/ul	0.00
54) 4-Nitrophenol-d4	15.038	143	32968	17.038	ng/ul	0.00
60) Fluorene-d10	15.843	176	163708	17.316	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.961	200	31297	16.138	ng/ul	0.00
73) Anthracene-d10	17.700	188	258494	17.092	ng/ul	0.00
81) Pyrene-d10	19.974	212	298520	18.016	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.062	264	244261	20.003	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.622	88	8824	7.013	ng/uL	91
5) Pyridine	4.033	79	64570	18.203	ng/ul	99
6) Benzaldehyde	7.365	77	46988	18.888	ng/ul	95
8) Phenol	7.400	94	74275	18.204	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.635	93	56939	18.644	ng/ul	98
12) 2-Chlorophenol	7.788	128	50036	18.029	ng/ul	97
13) 2-Methylphenol	8.663	108	55280	18.331	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.751	45	89859	18.680	ng/ul	98
16) Acetophenone	9.057	105	92416	19.159	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.033	70	56290	19.342	ng/ul	98
18) 4-Methylphenol	8.992	108	60338	18.791	ng/ul	95
19) Hexachloroethane	9.321	117	21410	18.451	ng/ul	98
22) Nitrobenzene	9.445	77	78068	17.417	ng/ul	96
23) Isophorone	9.968	82	157597	18.117	ng/ul	99
25) 2-Nitrophenol	10.162	139	31420	17.526	ng/ul	95
26) 2,4-Dimethylphenol	10.203	107	69400	17.589	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.444	93	81653	17.421	ng/ul	98
29) 2,4-Dichlorophenol	10.696	162	51472	17.530	ng/ul	93
30) Naphthalene	11.107	128	179650	17.372	ng/ul	98
32) 4-Chloroaniline	11.213	127	80876	17.867	ng/ul	100
33) Hexachlorobutadiene	11.378	225	32679	16.957	ng/ul	98
34) Caprolactam	11.965	113	23020m	18.467	ng/ul	
35) 4-Chloro-3-methylphenol	12.312	107	68793	18.341	ng/ul	97
36) 2-Methylnaphthalene	12.694	142	124282	17.641	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.911	142	128435	17.991	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.058	216	66040	16.248	ng/ul	99
40) Hexachlorocyclopentadiene	13.029	237	40663	20.834	ng/ul#	98
41) 2,4,6-Trichlorophenol	13.293	196	45699	17.183	ng/ul	95
42) 2,4,5-Trichlorophenol	13.370	196	48523	16.994	ng/ul	95
43) 1,1'-Biphenyl	13.687	154	171419	16.812	ng/ul	99
44) 2-Chloronaphthalene	13.740	162	134452	16.828	ng/ul	99
45) 2-Nitroaniline	13.939	65	53761	16.935	ng/ul	93
47) Dimethylphthalate	14.292	163	187166	17.540	ng/ul	99
48) 2,6-Dinitrotoluene	14.421	165	39242	17.570	ng/ul	96
50) Acenaphthylene	14.580	152	228546	17.151	ng/ul	99
51) 3-Nitroaniline	14.756	138	39857	17.255	ng/ul	92
52) Acenaphthene	14.915	153	149936	17.111	ng/ul	95
53) 2,4-Dinitrophenol	14.968	184	21459	17.417	ng/ul	91
55) 4-Nitrophenol	15.056	109	29635	16.699	ng/ul	89
56) Dibenzofuran	15.250	168	215725	17.200	ng/ul	100
57) 2,4-Dinitrotoluene	15.209	165	56134	17.611	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.473	232	38844	17.311	ng/ul#	98
59) Diethylphthalate	15.649	149	198126	17.346	ng/ul	99
61) Fluorene	15.896	166	171666	17.292	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.884	204	89703	17.353	ng/ul	98
63) 4-Nitroaniline	15.919	138	38733	16.902	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.972	198	30936	16.357	ng/ul#	97
67) N-Nitrosodiphenylamine	16.096	169	154019	17.225	ng/ul	96
68) 4-Bromophenyl-phenylether	16.777	248	54112	17.006	ng/ul	95
69) Hexachlorobenzene	16.901	284	55533	16.977	ng/ul	98
70) Atrazine	17.036	200	63847	16.839	ng/ul	98
71) Pentachlorophenol	17.247	266	29369	19.556	ng/ul	96
72) Phenanthrene	17.641	178	291311	17.061	ng/ul	99
74) Anthracene	17.735	178	294265	17.176	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.657	216	71777	16.480	ng/uL	97
76) Pentachlorobenzene	15.167	250	68240	16.909	ng/uL	96
77) Carbazole	17.999	167	274288	17.862	ng/ul	100
78) Di-n-butylphthalate	18.534	149	349433	17.318	ng/ul	99
80) Fluoranthene	19.639	202	358328	18.020	ng/ul	99
82) Pyrene	20.003	202	347491	17.884	ng/ul	100
83) Butylbenzylphthalate	20.867	149	149888	17.939	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.783	252	109862	17.585	ng/ul	96
85) Benzo(a)anthracene	21.877	228	317925	17.901	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.748	149	218144	18.189	ng/ul	97
87) Chrysene	21.948	228	302921	17.855	ng/ul	99
89) Di-n-octyl phthalate	23.017	149	367651	20.444	ng/ul	100
90) Benzo(b)fluoranthene	24.210	252	313503	19.922	ng/ul	98
91) Benzo(k)fluoranthene	24.280	252	292693	19.821	ng/ul	99
93) Benzo(a)pyrene	25.138	252	300797	20.070	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.198	276	331377	19.862	ng/ul	97
95) Dibenzo(a,h)anthracene	29.263	278	279961	19.832	ng/ul	98
96) Benzo(g,h,i)perylene	30.426	276	277124	19.843	ng/ul	97

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

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