Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013020\
Data File : BG044243.D
Acq On : 30 Jan 2020 10:37
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
mohammad
2/3/2020 7:55:07 AM

Quant Time: Jan 30 15:35:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 15:17:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	93565	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	395478	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	256862	20.00	ng		0.00
64) Phenanthrene-d10	17.30	188	551469	20.00	ng		0.00
76) Chrysene-d12	21.54	240	483177	20.00	ng		0.00
87) Perylene-d12	24.65	264	556724	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	115765	21.26	ng		0.00
7) Phenol-d6	7.08	99	155219	20.99	ng		0.00
23) Nitrobenzene-d5	9.07	82	146899	20.53	ng		0.00
42) 2,4,6-Tribromophenol	16.04	330	57929	18.56	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	365899	23.49	ng		0.00
79) Terphenyl-d14	19.91	244	554900	25.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	26491	10.839	ng		96
3) Pyridine	3.79	79	72247	11.155	ng		95
4) n-Nitrosodimethylamine	3.71	42	28551	10.334	ng	#	97
6) Aniline	7.24	93	94260	10.187	ng		98
8) 2-Chlorophenol	7.48	128	63939	10.437	ng		95
9) Benzaldehyde	7.05	77	46500m	13.312	ng		
10) Phenol	7.11	94	75763	10.095	ng		98
11) bis(2-Chloroethyl)ether	7.34	93	66576	10.471	ng		97
12) 1,3-Dichlorobenzene	7.81	146	77455	10.701	ng		97
13) 1,4-Dichlorobenzene	7.95	146	76507	10.693	ng		99
14) 1,2-Dichlorobenzene	8.27	146	72280	10.581	ng		97
15) Benzyl Alcohol	8.15	79	50396	9.277	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.45	45	88602	10.237	ng		98
17) 2-Methylphenol	8.37	107	53448	9.994	ng		99
18) Hexachloroethane	9.01	117	28166	10.408	ng		98
19) n-Nitroso-di-n-propylamine	8.72	70	51068	10.004	ng		98
20) 3+4-Methylphenols	8.69	107	72240	9.730	ng		95
22) Acetophenone	8.74	105	103060	10.319	ng		98
24) Nitrobenzene	9.12	77	71581	9.986	ng		98
25) Isophorone	9.64	82	135354	9.765	ng		99
26) 2-Nitrophenol	9.83	139	31877	8.437	ng		98
27) 2,4-Dimethylphenol	9.89	122	50669	9.633	ng		94
28) bis(2-Chloroethoxy)methane	10.13	93	91953	10.012	ng		99
29) 2,4-Dichlorophenol	10.37	162	59929	9.388	ng		95
30) 1,2,4-Trichlorobenzene	10.59	180	73077	10.071	ng		97
31) Naphthalene	10.77	128	212271	10.657	ng		96
32) Benzoic acid	10.03	122	3976m	1.247	ng		
33) 4-Chloroaniline	10.87	127	89438	9.628	ng		96
34) Hexachlorobutadiene	11.07	225	45188	10.154	ng		96
35) Caprolactam	11.61	113	21049	8.880	ng		96
36) 4-Chloro-3-methylphenol	12.01	107	65119	9.655	ng		94
37) 2-Methylnaphthalene	12.38	142	155180	10.406	ng		99
38) 1-Methylnaphthalene	12.60	142	146397	10.314	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	81603	10.225	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	30818	7.858 ng	99
43) 2,4,6-Trichlorophenol	12.99	196	47850	9.232 ng	98
44) 2,4,5-Trichlorophenol	13.07	196	47059	8.896 ng	96
46) 1,1'-Biphenyl	13.39	154	208992	10.878 ng	96
47) 2-Chloronaphthalene	13.43	162	162800	10.524 ng	97
48) 2-Nitroaniline	13.63	65	41669	8.978 ng	95
49) Acenaphthylene	14.28	152	241417	10.671 ng	97
50) Dimethylphthalate	14.01	163	207794	10.748 ng	98
51) 2,6-Dinitrotoluene	14.12	165	43223	9.936 ng	98
52) Acenaphthene	14.62	154	151858	10.368 ng	97
53) 3-Nitroaniline	14.45	138	44145	9.133 ng	98
54) 2,4-Dinitrophenol	14.66	184	10792	4.891 ng	95
55) Dibenzofuran	14.95	168	244526	11.087 ng	97
56) 4-Nitrophenol	14.77	139	26276	7.364 ng	96
57) 2,4-Dinitrotoluene	14.91	165	57345	9.414 ng	99
58) Fluorene	15.60	166	189947	10.892 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.19	232	44888m	9.687 ng	
60) Diethylphthalate	15.37	149	204126	10.554 ng	98
61) 4-Chlorophenyl-phenylether	15.60	204	98928	10.434 ng	94
62) 4-Nitroaniline	15.62	138	45089	9.337 ng	95
63) Azobenzene	15.89	77	177360	10.509 ng	98
65) 4,6-Dinitro-2-methylphenol	15.68	198	24386	7.410 ng	97
66) n-Nitrosodiphenylamine	15.81	169	167620	10.351 ng	99
67) 4-Bromophenyl-phenylether	16.49	248	62166	9.870 ng	99
68) Hexachlorobenzene	16.61	284	72342	10.251 ng	97
69) Atrazine	16.76	200	57948	15.577 ng	99
70) Pentachlorophenol	16.95	266	20823	6.766 ng	95
71) Phenanthrene	17.34	178	305834	11.080 ng	96
72) Anthracene	17.43	178	299260	10.972 ng	96
73) Carbazole	17.70	167	267341	10.541 ng	97
74) Di-n-butylphthalate	18.27	149	336462	10.724 ng	97
75) Fluoranthene	19.35	202	353436	11.070 ng	96
77) Benzidine	19.53	184	128805	11.582 ng	98
78) Pyrene	19.71	202	367130	11.462 ng	94
80) Butylbenzylphthalate	20.60	149	145730	9.801 ng	97
81) Benzo(a)anthracene	21.53	228	335876	10.787 ng	94
82) 3,3'-Dichlorobenzidine	21.44	252	118769	9.929 ng	99
83) Chrysene	21.59	228	327952	10.969 ng	95
84) Bis(2-ethylhexyl)phthalate	21.45	149	215933	10.578 ng	96
85) Di-n-octyl phthalate	22.62	149	364569	10.327 ng	99
86) Indeno(1,2,3-cd)pyrene	28.14	276	380085	9.591 ng	99
88) Benzo(b)fluoranthene	23.66	252	339435	10.061 ng	99
89) Benzo(k)fluoranthene	23.72	252	346562	10.726 ng	98
90) Benzo(a)pyrene	24.49	252	316669	9.984 ng	98
91) Dibenzo(a,h)anthracene	28.21	278	308058	9.736 ng	99
92) Benzo(g,h,i)perylene	29.23	276	308878	9.749 ng	98

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

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