Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012420\
Data File : BG044202.D
Acq On : 25 Jan 2020 5:05
Operator : CG/JU
Sample : L1242-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Jan 27 04:33:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	74833	20.00	ng		-0.04
21) Naphthalene-d8	10.73	136	334399	20.00	ng		-0.04
39) Acenaphthene-d10	14.56	164	229369	20.00	ng		-0.04
64) Phenanthrene-d10	17.31	188	459166	20.00	ng		-0.03
76) Chrysene-d12	21.55	240	395445	20.00	ng		-0.04
87) Perylene-d12	24.66	264	440262	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	439983	107.96	ng		-0.03
7) Phenol-d6	7.09	99	605608	106.30	ng		-0.03
23) Nitrobenzene-d5	9.08	82	369233	59.07	ng		-0.04
42) 2,4,6-Tribromophenol	16.05	330	217685	90.69	ng		-0.03
45) 2-Fluorobiphenyl	13.19	172	843678	66.64	ng		-0.04
79) Terphenyl-d14	19.92	244	1103365	62.26	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	227	0.128	ng	#	21
3) Pyridine	4.23	79	68	0.013	ng	#	1
4) n-Nitrosodimethylamine	3.72	42	178	0.076	ng	#	1
6) Aniline	7.19	93	61	0.008	ng	#	43
9) Benzaldehyde	7.09	77	1432	0.393	ng	#	1
10) Phenol	7.12	94	27034	4.606	ng		93
11) bis(2-Chloroethyl)ether	7.19	93	61	0.012	ng	#	21
12) 1,3-Dichlorobenzene	7.97	146	79	0.014	ng	#	26
13) 1,4-Dichlorobenzene	7.97	146	79	0.014	ng	#	24
14) 1,2-Dichlorobenzene	7.97	146	79	0.015	ng	#	24
15) Benzyl Alcohol	8.25	79	5890	1.310	ng	#	54
16) 2,2'-oxybis(1-Chloropropan	8.49	45	61	0.008	ng		68
22) Acetophenone	8.75	105	72	0.009	ng	#	29
24) Nitrobenzene	9.08	77	1152	0.186	ng	#	32
25) Isophorone	9.66	82	110	0.009	ng	#	65
31) Naphthalene	10.78	128	757	0.047	ng	#	56
37) 2-Methylnaphthalene	12.42	142	329	0.027	ng	#	12
38) 1-Methylnaphthalene	12.42	142	329	0.028	ng	#	6
46) 1,1'-Biphenyl	13.40	154	2082	0.127	ng		95
48) 2-Nitroaniline	13.47	65	65	0.015	ng	#	3
49) Acenaphthylene	14.29	152	386	0.020	ng	#	56
50) Dimethylphthalate	14.02	163	133466	8.195	ng	#	96
51) 2,6-Dinitrotoluene	14.01	165	1363	0.370	ng	#	29
52) Acenaphthene	14.63	154	828	0.062	ng	#	66
55) Dibenzofuran	14.97	168	151	0.008	ng	#	43
58) Fluorene	15.62	166	429	0.029	ng	#	81
63) Azobenzene	15.84	77	94	0.006	ng	#	48
66) n-Nitrosodiphenylamine	16.05	169	8432	0.624	ng	#	46
71) Phenanthrene	17.35	178	2632	0.120	ng		97
72) Anthracene	17.35	178	2632	0.121	ng		97
73) Carbazole	17.78	167	54	0.003	ng	#	54
74) Di-n-butylphthalate	18.28	149	797	0.031	ng	#	73
75) Fluoranthene	19.36	202	7756	0.308	ng		89
77) Benzidine	19.92	184	17161	1.726	ng	#	91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
78) Pyrene	19.72	202	9392	0.364	ng		93
80) Butylbenzylphthalate	20.61	149	168	0.014	ng	#	88
81) Benzo(a)anthracene	21.54	228	6583	0.268	ng		90
82) 3,3'-Dichlorobenzidine	21.53	252	56	0.006	ng	#	25
83) Chrysene	21.60	228	7043	0.302	ng	#	89
84) Bis(2-ethylhexyl)phthalate	21.45	149	3459	0.204	ng	#	83
85) Di-n-octyl phthalate	22.65	149	584	0.020	ng	#	72
86) Indeno(1,2,3-cd)pyrene	28.20	276	1372	0.043	ng	#	49
88) Benzo(b)fluoranthene	23.69	252	6155	0.236	ng	#	92
89) Benzo(k)fluoranthene	23.69	252	6155	0.249	ng	#	91
90) Benzo(a)pyrene	24.52	252	5764	0.235	ng	#	88
91) Dibenzo(a,h)anthracene	28.26	278	240	0.010	ng	#	54
92) Benzo(g,h,i)perylene	29.30	276	1275	0.052	ng	#	68

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

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