Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111418\
Data File : BG038000.D
Acq On : 14 Nov 2018 17:01
Operator : JU/SJ
Sample : J5925-04MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1SMSD

Manual Integrations APPROVED
Sohil
11/15/2018 11:05:20 AM

Quant Time: Nov 14 18:05:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	49629	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	209421	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	133747	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	309233	20.00	ng	0.00
76) Chrysene-d12	21.75	240	282975	20.00	ng	0.00
87) Perylene-d12	25.07	264	298131	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	333263	115.94	ng	0.00
7) Phenol-d6	7.23	99	438061	106.76	ng	0.00
23) Nitrobenzene-d5	9.26	82	308482	78.85	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	183768	120.48	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	694565	75.66	ng	0.00
79) Terphenyl-d14	20.07	244	1078900	89.71	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	48097	35.425	ng	# 30
3) Pyridine	3.93	79	136777	35.316	ng	97
4) n-Nitrosodimethylamine	3.85	42	67462	48.012	ng	92
6) Aniline	7.41	93	79458	15.004	ng	100
8) 2-Chlorophenol	7.65	128	167644	50.263	ng	99
9) Benzaldehyde	7.23	77	107659	36.282	ng	94
10) Phenol	7.26	94	192435	44.278	ng	97
11) bis(2-Chloroethyl)ether	7.51	93	167631	47.245	ng	94
12) 1,3-Dichlorobenzene	7.97	146	170888	44.475	ng	94
13) 1,4-Dichlorobenzene	8.12	146	175096	45.112	ng	99
14) 1,2-Dichlorobenzene	8.44	146	166241	44.861	ng	97
15) Benzyl Alcohol	8.32	79	150317	50.630	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.61	45	306888	46.580	ng	98
17) 2-Methylphenol	8.52	107	148738	50.620	ng	97
18) Hexachloroethane	9.17	117	62852	44.494	ng	90
19) n-Nitroso-di-n-propylamine	8.89	70	138022	46.489	ng	95
20) 3+4-Methylphenols	8.85	107	209230	50.231	ng	97
22) Acetophenone	8.92	105	253254	48.604	ng	# 99
24) Nitrobenzene	9.30	77	200541	50.110	ng	93
25) Isophorone	9.82	82	390973	55.524	ng	97
26) 2-Nitrophenol	10.02	139	98676	49.390	ng	98
27) 2,4-Dimethylphenol	10.06	122	177100	58.833	ng	99
28) bis(2-Chloroethoxy)methane	10.30	93	237104	52.658	ng	98
29) 2,4-Dichlorophenol	10.54	162	181893	53.720	ng	98
30) 1,2,4-Trichlorobenzene	10.76	180	181588	47.859	ng	97
31) Naphthalene	10.96	128	539123	52.340	ng	100
32) Benzoic acid	10.19	122	85749	45.206	ng	93
33) 4-Chloroaniline	11.07	127	13757	2.871	ng	97
34) Hexachlorobutadiene	11.22	225	106817	45.743	ng	99
35) Caprolactam	11.85	113	49876m	36.801	ng	
36) 4-Chloro-3-methylphenol	12.17	107	195508	52.852	ng	98
37) 2-Methylnaphthalene	12.55	142	402161	54.355	ng	100
38) 1-Methylnaphthalene	12.77	142	384501	53.989	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	207725	46.479	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	229808	96.027	ng		98
43) 2,4,6-Trichlorophenol	13.15	196	153125	50.279	ng		96
44) 2,4,5-Trichlorophenol	13.22	196	163629	51.064	ng		97
46) 1,1'-Biphenyl	13.55	154	516452	45.963	ng		99
47) 2-Chloronaphthalene	13.61	162	410981	47.932	ng		99
48) 2-Nitroaniline	13.81	65	136584	50.614	ng		94
49) Acenaphthylene	14.45	152	677644	52.556	ng		99
50) Dimethylphthalate	14.17	163	540081	50.936	ng		100
51) 2,6-Dinitrotoluene	14.30	165	125563	52.323	ng		96
52) Acenaphthene	14.79	154	400890	51.646	ng		97
53) 3-Nitroaniline	14.63	138	15488	5.849	ng	#	91
54) 2,4-Dinitrophenol	14.84	184	129199	97.462	ng		95
55) Dibenzofuran	15.12	168	631683	49.214	ng		98
56) 4-Nitrophenol	14.93	139	192159	94.089	ng		97
57) 2,4-Dinitrotoluene	15.09	165	174513	53.448	ng		94
58) Fluorene	15.77	166	513422	53.612	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	143554	53.538	ng		98
60) Diethylphthalate	15.53	149	550682	48.897	ng		100
61) 4-Chlorophenyl-phenylether	15.75	204	269428	48.081	ng		99
62) 4-Nitroaniline	15.80	138	124211	47.218	ng		91
63) Azobenzene	16.04	77	503977	50.050	ng		99
65) 4,6-Dinitro-2-methylphenol	15.84	198	95342	48.746	ng		98
66) n-Nitrosodiphenylamine	15.97	169	463200	49.513	ng		97
67) 4-Bromophenyl-phenylether	16.65	248	168879	49.757	ng		99
68) Hexachlorobenzene	16.76	284	172027	49.103	ng		98
69) Atrazine	16.91	200	176905	51.297	ng		100
70) Pentachlorophenol	17.11	266	202613	85.154	ng		95
71) Phenanthrene	17.51	178	850033	53.690	ng		99
72) Anthracene	17.60	178	862367	55.257	ng		97
73) Carbazole	17.88	167	786136	50.207	ng		99
74) Di-n-butylphthalate	18.41	149	927323	52.759	ng		99
75) Fluoranthene	19.52	202	1003542	55.556	ng		98
77) Benzidine	19.70	184	159898	16.104	ng		99
78) Pyrene	19.88	202	999847	54.043	ng		100
80) Butylbenzylphthalate	20.75	149	438113	54.149	ng		96
81) Benzo(a)anthracene	21.73	228	944788	55.249	ng		99
82) 3,3'-Dichlorobenzidine	21.64	252	119323	17.913	ng		99
83) Chrysene	21.80	228	875286	53.497	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	607364	52.639	ng		98
85) Di-n-octyl phthalate	22.84	149	1030533	55.207	ng		99
86) Indeno(1,2,3-cd)pyrene	28.88	276	1053768	57.990	ng	#	90
88) Benzo(b)fluoranthene	24.01	252	925502	56.411	ng		99
89) Benzo(k)fluoranthene	24.08	252	909272	56.166	ng		98
90) Benzo(a)pyrene	24.91	252	904371	57.680	ng		100
91) Dibenzo(a,h)anthracene	28.95	278	859578	56.978	ng		96
92) Benzo(g,h,i)perylene	30.09	276	871659	58.109	ng		99

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

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