Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111918\
Data File : BG038073.D
Acq On : 19 Nov 2018 21:59
Operator : JU/SJ
Sample : J5954-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OWS-1MS

Manual Integrations APPROVED
Sohil
11/20/2018 9:41:43 AM

Quant Time: Nov 20 02:57:25 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	8.09	152	44777	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	185033	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	116469	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	260919	20.00	ng	0.00
76) Chrysene-d12	21.75	240	237586	20.00	ng	0.00
87) Perylene-d12	25.08	264	250606	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	300326	115.80	ng	0.00
7) Phenol-d6	7.24	99	391111	105.65	ng	0.00
23) Nitrobenzene-d5	9.26	82	277467	80.27	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	155237	116.87	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	618715	77.39	ng	0.00
79) Terphenyl-d14	20.07	244	914366	90.56	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	37852	30.900	ng	# 35
3) Pyridine	3.94	79	94019	26.906	ng	99
4) n-Nitrosodimethylamine	3.85	42	55705	43.941	ng	95
6) Aniline	7.42	93	33310	6.972	ng	98
8) 2-Chlorophenol	7.65	128	139630	46.401	ng	97
9) Benzaldehyde	7.23	77	20819	7.777	ng	97
10) Phenol	7.26	94	174156	44.414	ng	98
11) bis(2-Chloroethyl)ether	7.51	93	138134	43.151	ng	99
12) 1,3-Dichlorobenzene	7.98	146	142783	41.187	ng	98
13) 1,4-Dichlorobenzene	8.12	146	146389	41.803	ng	96
14) 1,2-Dichlorobenzene	8.44	146	138405	41.397	ng	98
15) Benzyl Alcohol	8.33	79	118272	44.153	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.60	45	266682	44.864	ng	98
17) 2-Methylphenol	8.52	107	123167	46.460	ng	98
18) Hexachloroethane	9.17	117	52136	40.908	ng	96
19) n-Nitroso-di-n-propylamine	8.89	70	114198	42.633	ng	97
20) 3+4-Methylphenols	8.85	107	279453	74.360	ng	95
22) Acetophenone	8.92	105	206883	44.938	ng	# 98
24) Nitrobenzene	9.31	77	161763	45.748	ng	94
25) Isophorone	9.82	82	318223	51.149	ng	97
26) 2-Nitrophenol	10.01	139	79527	45.052	ng	91
27) 2,4-Dimethylphenol	10.06	122	145877	54.848	ng	98
28) bis(2-Chloroethoxy)methane	10.30	93	187348	47.092	ng	98
29) 2,4-Dichlorophenol	10.55	162	148353	49.590	ng	98
30) 1,2,4-Trichlorobenzene	10.76	180	144007	42.957	ng	98
31) Naphthalene	10.96	128	437242	48.044	ng	99
32) Benzoic acid	10.23	122	89998	51.382	ng	98
34) Hexachlorobutadiene	11.22	225	85862	41.616	ng	94
35) Caprolactam	11.87	113	38944m	32.523	ng	
36) 4-Chloro-3-methylphenol	12.18	107	163756	50.104	ng	99
37) 2-Methylnaphthalene	12.55	142	324369	49.619	ng	98
38) 1-Methylnaphthalene	12.78	142	309828	49.238	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	164545	42.279	ng	99
41) Hexachlorocyclopentadiene	12.88	237	206818	99.241	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.16	196	122970	46.368	ng		99
44) 2,4,5-Trichlorophenol	13.23	196	131233	47.029	ng		97
46) 1,1'-Biphenyl	13.56	154	418574	42.778	ng		99
47) 2-Chloronaphthalene	13.60	162	329438	44.122	ng		99
48) 2-Nitroaniline	13.82	65	103845	44.191	ng		93
49) Acenaphthylene	14.45	152	545105	48.548	ng		99
50) Dimethylphthalate	14.17	163	450625	48.804	ng		100
51) 2,6-Dinitrotoluene	14.30	165	97851	46.824	ng		99
52) Acenaphthene	14.79	154	319457	47.260	ng		98
53) 3-Nitroaniline	14.64	138	8862	3.843	ng	#	79
54) 2,4-Dinitrophenol	14.84	184	116447	100.549	ng		88
55) Dibenzofuran	15.12	168	511992	45.807	ng		99
56) 4-Nitrophenol	14.93	139	152081	85.511	ng		95
57) 2,4-Dinitrotoluene	15.08	165	136005	47.833	ng	#	98
58) Fluorene	15.77	166	409631	49.119	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	114424	49.005	ng		98
60) Diethylphthalate	15.53	149	436301	44.488	ng		99
61) 4-Chlorophenyl-phenylether	15.75	204	211414	43.325	ng		99
62) 4-Nitroaniline	15.80	138	71221	31.091	ng		94
63) Azobenzene	16.05	77	400889	45.718	ng		98
65) 4,6-Dinitro-2-methylphenol	15.84	198	77748	47.111	ng		93
66) n-Nitrosodiphenylamine	15.97	169	302503	38.323	ng		99
67) 4-Bromophenyl-phenylether	16.65	248	131448	45.900	ng		97
68) Hexachlorobenzene	16.77	284	131901	44.621	ng		99
69) Atrazine	16.91	200	86406	29.695	ng		97
70) Pentachlorophenol	17.11	266	167916	83.639	ng		93
71) Phenanthrene	17.51	178	669075	50.085	ng		99
72) Anthracene	17.61	178	677281	51.433	ng		98
73) Carbazole	17.88	167	602258	45.586	ng		99
74) Di-n-butylphthalate	18.41	149	742209	50.046	ng		99
75) Fluoranthene	19.52	202	770268	50.538	ng		99
78) Pyrene	19.88	202	777613	50.060	ng		100
80) Butylbenzylphthalate	20.75	149	345438	50.852	ng		99
81) Benzo(a)anthracene	21.74	228	730626	50.888	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	11725	2.096	ng		96
83) Chrysene	21.80	228	684440	49.824	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	487108	50.282	ng		99
85) Di-n-octyl phthalate	22.84	149	831821	53.075	ng		100
86) Indeno(1,2,3-cd)pyrene	28.89	276	817254	53.566	ng		99
88) Benzo(b)fluoranthene	24.01	252	710167	51.495	ng		98
89) Benzo(k)fluoranthene	24.09	252	709429	52.132	ng		99
90) Benzo(a)pyrene	24.92	252	693399	52.611	ng		98
91) Dibenzo(a,h)anthracene	28.96	278	673361	53.099	ng		97
92) Benzo(g,h,i)perylene	30.09	276	677950	53.767	ng		99

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

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