Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
Data File : BG043407.D
Acq On : 30 Oct 2019 19:16
Operator : JU
Sample : K5543-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : R-1MSD

Manual Integrations APPROVED
mohammad
10/31/2019 2:51:58 PM

Quant Time: Oct 31 05:44:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	39792	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	157565	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	116656	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	272299	20.00	ng		0.00
76) Chrysene-d12	21.66	240	305752	20.00	ng		0.00
87) Perylene-d12	24.85	264	358588	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	238064	109.63	ng		0.00
7) Phenol-d6	7.21	99	344780	110.35	ng		0.00
23) Nitrobenzene-d5	9.18	82	206196	67.47	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	225667	101.65	ng		0.00
45) 2-Fluorobiphenyl	13.27	172	564731	66.89	ng		0.00
79) Terphenyl-d14	20.01	244	1160883	71.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	31515	37.242	ng	#	87
3) Pyridine	3.88	79	81580	38.217	ng		97
4) n-Nitrosodimethylamine	3.80	42	50171	46.577	ng		87
6) Aniline	7.35	93	138044	38.355	ng		96
8) 2-Chlorophenol	7.60	128	117807	49.145	ng		97
9) Benzaldehyde	7.16	77	61089	39.787	ng		86
10) Phenol	7.24	94	154667	54.175	ng		99
11) bis(2-Chloroethyl)ether	7.44	93	95936	43.463	ng		96
12) 1,3-Dichlorobenzene	7.91	146	129574	43.143	ng		96
13) 1,4-Dichlorobenzene	8.05	146	129542	42.631	ng		99
14) 1,2-Dichlorobenzene	8.38	146	128221	43.216	ng		98
15) Benzyl Alcohol	8.27	79	107119	48.819	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.55	45	130764	40.742	ng		94
17) 2-Methylphenol	8.48	107	99400	47.759	ng		98
18) Hexachloroethane	9.10	117	46262	42.197	ng		93
19) n-Nitroso-di-n-propylamine	8.82	70	89686	44.424	ng		100
20) 3+4-Methylphenols	8.81	107	138377	48.486	ng		93
22) Acetophenone	8.84	105	173663	43.038	ng	#	98
24) Nitrobenzene	9.22	77	135259	46.458	ng		98
25) Isophorone	9.75	82	254498	45.546	ng		97
26) 2-Nitrophenol	9.94	139	72431	51.530	ng		92
27) 2,4-Dimethylphenol	10.01	122	113229	56.204	ng		99
28) bis(2-Chloroethoxy)methane	10.23	93	134840	43.723	ng		95
29) 2,4-Dichlorophenol	10.49	162	130316	50.486	ng		90
30) 1,2,4-Trichlorobenzene	10.69	180	139728	42.949	ng		98
31) Naphthalene	10.87	128	368371	46.058	ng		99
32) Benzoic acid	10.18	122	64672	43.165	ng		93
33) 4-Chloroaniline	11.00	127	75377	22.992	ng		96
34) Hexachlorobutadiene	11.16	225	103244	42.930	ng		90
35) Caprolactam	11.77	113	41437m	46.611	ng		
36) 4-Chloro-3-methylphenol	12.13	107	140420	49.872	ng		97
37) 2-Methylnaphthalene	12.48	142	290024	47.261	ng		96
38) 1-Methylnaphthalene	12.70	142	270822	46.383	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	184131	42.650	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	231758	102.191	ng		98
43) 2,4,6-Trichlorophenol	13.09	196	124937	49.140	ng		95
44) 2,4,5-Trichlorophenol	13.17	196	127788	49.715	ng		96
46) 1,1'-Biphenyl	13.48	154	393322	44.320	ng		98
47) 2-Chloronaphthalene	13.52	162	300143	44.450	ng		99
48) 2-Nitroaniline	13.74	65	93181	46.172	ng		99
49) Acenaphthylene	14.37	152	495625	47.161	ng		98
50) Dimethylphthalate	14.11	163	464852	51.445	ng		98
51) 2,6-Dinitrotoluene	14.22	165	92906	47.328	ng		95
52) Acenaphthene	14.71	154	293496	45.796	ng		99
53) 3-Nitroaniline	14.56	138	58643	30.942	ng		94
54) 2,4-Dinitrophenol	14.76	184	99921	81.377	ng		96
55) Dibenzofuran	15.05	168	482539	46.430	ng		100
56) 4-Nitrophenol	14.89	139	133824	105.368	ng		100
57) 2,4-Dinitrotoluene	15.01	165	131218	46.774	ng		97
58) Fluorene	15.70	166	404825	46.442	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	132302	48.446	ng	#	97
60) Diethylphthalate	15.46	149	403638	44.458	ng		99
61) 4-Chlorophenyl-phenylether	15.69	204	230836	45.394	ng		95
62) 4-Nitroaniline	15.73	138	86298	44.090	ng		94
63) Azobenzene	15.98	77	342500	46.612	ng		97
65) 4,6-Dinitro-2-methylphenol	15.78	198	81730	51.002	ng		91
66) n-Nitrosodiphenylamine	15.90	169	360684	46.917	ng		99
67) 4-Bromophenyl-phenylether	16.58	248	164187	44.804	ng		96
68) Hexachlorobenzene	16.70	284	186197	44.265	ng		99
69) Atrazine	16.85	200	154362	57.785	ng		97
70) Pentachlorophenol	17.06	266	203474	106.158	ng		95
71) Phenanthrene	17.44	178	640284	45.919	ng		100
72) Anthracene	17.53	178	662327	47.475	ng		99
73) Carbazole	17.80	167	600479	47.530	ng		98
74) Di-n-butylphthalate	18.35	149	703533	45.895	ng		98
75) Fluoranthene	19.45	202	866922	47.690	ng		99
77) Benzidine	19.63	184	338114	54.948	ng		98
78) Pyrene	19.81	202	861508	45.521	ng		99
80) Butylbenzylphthalate	20.69	149	332037	46.308	ng		99
81) Benzo(a)anthracene	21.64	228	900894	47.039	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	248544	33.552	ng		95
83) Chrysene	21.71	228	876216	46.046	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	481582	47.282	ng		98
85) Di-n-octyl phthalate	22.74	149	833637	48.242	ng		100
86) Indeno(1,2,3-cd)pyrene	28.50	276	1166550	48.838	ng	#	96
88) Benzo(b)fluoranthene	23.84	252	957848	47.163	ng		98
89) Benzo(k)fluoranthene	23.91	252	963718	47.136	ng		98
90) Benzo(a)pyrene	24.71	252	901144	46.465	ng		99
91) Dibenzo(a,h)anthracene	28.55	278	980379	49.421	ng		98
92) Benzo(g,h,i)perylene	29.64	276	975467	49.852	ng		97

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

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