Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
Data File : BG043238.D
Acq On : 16 Oct 2019 5:34
Operator : JU
Sample : K5148-08MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-101119MSD

Manual Integrations APPROVED
mohammad
10/17/2019 7:57:40 AM

Quant Time: Oct 16 08:25:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	58347	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	217652	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	145929	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	317266	20.00	ng	0.00
76) Chrysene-d12	21.70	240	346463	20.00	ng	0.01
87) Perylene-d12	24.93	264	410159	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	413028	126.33	ng	0.00
7) Phenol-d6	7.24	99	576885	122.53	ng	0.00
23) Nitrobenzene-d5	9.22	82	365547	81.63	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	351379	140.03	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	954926	94.86	ng	0.00
79) Terphenyl-d14	20.03	244	1617705	99.50	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	39986	29.334	ng	# 43
3) Pyridine	3.95	79	92307	24.076	ng	85
4) n-Nitrosodimethylamine	3.85	42	63535	34.461	ng	# 78
6) Aniline	7.38	93	105961	18.644	ng	99
8) 2-Chlorophenol	7.63	128	153469	45.011	ng	98
9) Benzaldehyde	7.19	77	68900	23.948	ng	93
10) Phenol	7.26	94	182967	42.357	ng	91
11) bis(2-Chloroethyl)ether	7.47	93	128429	38.427	ng	94
12) 1,3-Dichlorobenzene	7.95	146	159788	36.737	ng	99
13) 1,4-Dichlorobenzene	8.09	146	164108	37.848	ng	97
14) 1,2-Dichlorobenzene	8.41	146	160716	38.933	ng	97
15) Benzyl Alcohol	8.30	79	134131	37.893	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	179332	27.940	ng	94
17) 2-Methylphenol	8.50	107	128529	42.524	ng	96
18) Hexachloroethane	9.14	117	55966	34.272	ng	99
19) n-Nitroso-di-n-propylamine	8.86	70	112432	36.368	ng	91
20) 3+4-Methylphenols	8.83	107	174114	42.036	ng	98
22) Acetophenone	8.87	105	224066	39.938	ng	# 95
24) Nitrobenzene	9.26	77	174693	40.899	ng	91
25) Isophorone	9.78	82	324168	41.213	ng	97
26) 2-Nitrophenol	9.97	139	91273	50.197	ng	91
27) 2,4-Dimethylphenol	10.03	122	138091	49.453	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	178387	39.973	ng	99
29) 2,4-Dichlorophenol	10.51	162	167709	48.291	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	182913	40.785	ng	98
31) Naphthalene	10.91	128	476999	44.520	ng	99
32) Benzoic acid	10.20	122	70894	34.823	ng	95
33) 4-Chloroaniline	11.03	127	42612	9.165	ng	95
34) Hexachlorobutadiene	11.20	225	130374	38.825	ng	96
35) Caprolactam	11.80	113	48127m	39.297	ng	
36) 4-Chloro-3-methylphenol	12.15	107	177962	47.130	ng	98
37) 2-Methylnaphthalene	12.51	142	361955	44.283	ng	95
38) 1-Methylnaphthalene	12.73	142	343188	44.373	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	239417	43.635	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	135973	38.894	ng		95
43) 2,4,6-Trichlorophenol	13.12	196	155220	48.333	ng		99
44) 2,4,5-Trichlorophenol	13.20	196	162289	49.055	ng		95
46) 1,1'-Biphenyl	13.52	154	491158	44.383	ng		98
47) 2-Chloronaphthalene	13.56	162	381022	45.923	ng		98
48) 2-Nitroaniline	13.76	65	114553	41.517	ng		89
49) Acenaphthylene	14.40	152	609102	47.977	ng		99
50) Dimethylphthalate	14.13	163	482075	44.090	ng		98
51) 2,6-Dinitrotoluene	14.25	165	110453	47.436	ng		92
52) Acenaphthene	14.74	154	364776	42.926	ng		98
53) 3-Nitroaniline	14.59	138	70713	29.386	ng		95
54) 2,4-Dinitrophenol	14.79	184	50235	34.709	ng		92
55) Dibenzofuran	15.08	168	585063	46.542	ng		99
56) 4-Nitrophenol	14.90	139	163448	89.146	ng		91
57) 2,4-Dinitrotoluene	15.04	165	153211	44.933	ng		97
58) Fluorene	15.73	166	490044	45.660	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	162162m	46.036	ng		
60) Diethylphthalate	15.49	149	472973	42.505	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	281483	43.732	ng		99
62) 4-Nitroaniline	15.76	138	100330	38.230	ng		89
63) Azobenzene	16.01	77	409049	40.377	ng		97
65) 4,6-Dinitro-2-methylphenol	15.81	198	41840	23.305	ng		88
66) n-Nitrosodiphenylamine	15.93	169	428328	51.141	ng		98
67) 4-Bromophenyl-phenylether	16.61	248	194298	48.794	ng		93
68) Hexachlorobenzene	16.74	284	216581	48.849	ng		96
69) Atrazine	16.88	200	151849	43.055	ng		98
70) Pentachlorophenol	17.08	266	250268	97.824	ng		97
71) Phenanthrene	17.46	178	748010	48.293	ng		98
72) Anthracene	17.56	178	762184	49.291	ng		100
73) Carbazole	17.83	167	691229	48.206	ng		97
74) Di-n-butylphthalate	18.38	149	791570	46.268	ng		99
75) Fluoranthene	19.47	202	939050	45.836	ng		99
77) Benzidine	19.66	184	138689	15.987	ng		98
78) Pyrene	19.84	202	964841	46.658	ng		99
80) Butylbenzylphthalate	20.72	149	371295	47.303	ng		93
81) Benzo(a)anthracene	21.68	228	994473	46.066	ng		98
82) 3,3'-Dichlorobenzidine	21.60	252	342158	40.411	ng		97
83) Chrysene	21.75	228	971999	46.397	ng		97
84) Bis(2-ethylhexyl)phthalate	21.58	149	530041	47.456	ng		96
85) Di-n-octyl phthalate	22.79	149	905692	49.590	ng	#	95
86) Indeno(1,2,3-cd)pyrene	28.60	276	1163075	44.596	ng	#	97
88) Benzo(b)fluoranthene	23.90	252	1029558	44.362	ng		99
89) Benzo(k)fluoranthene	23.97	252	1090240	47.486	ng		98
90) Benzo(a)pyrene	24.78	252	1042659	47.619	ng		100
91) Dibenzo(a,h)anthracene	28.67	278	1000091	44.543	ng		99
92) Benzo(g,h,i)perylene	29.76	276	870865	40.031	ng		99

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

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