Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100519\
Data File : BG043055.D
Acq On : 5 Oct 2019 14:54
Operator : JU
Sample : K5168-04MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MSD

Manual Integrations APPROVED
mohammad
10/7/2019 4:39:05 PM

Quant Time: Oct 07 08:56:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	63800	20.00	ng		-0.02
21) Naphthalene-d8	10.87	136	251508	20.00	ng		-0.01
39) Acenaphthene-d10	14.68	164	179746	20.00	ng		-0.01
64) Phenanthrene-d10	17.42	188	416693	20.00	ng		-0.01
76) Chrysene-d12	21.70	240	453121	20.00	ng		-0.02
87) Perylene-d12	24.92	264	530922	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	420128	117.52	ng		-0.01
7) Phenol-d6	7.24	99	608245	118.15	ng		0.00
23) Nitrobenzene-d5	9.22	82	374258	72.33	ng		-0.01
42) 2,4,6-Tribromophenol	16.17	330	348586	112.78	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	839464	67.70	ng		-0.02
79) Terphenyl-d14	20.03	244	1490804	70.11	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	49369	33.122	ng		92
3) Pyridine	3.94	79	131601	31.392	ng		87
4) n-Nitrosodimethylamine	3.85	42	79865	39.616	ng	#	84
6) Aniline	7.39	93	233199	37.525	ng		99
8) 2-Chlorophenol	7.63	128	184205	49.408	ng		98
9) Benzaldehyde	7.19	77	115006	36.557	ng		91
10) Phenol	7.27	94	255402	54.073	ng		93
11) bis(2-Chloroethyl)ether	7.48	93	158546	43.383	ng		94
12) 1,3-Dichlorobenzene	7.95	146	198351	41.705	ng		99
13) 1,4-Dichlorobenzene	8.09	146	203175	42.853	ng		99
14) 1,2-Dichlorobenzene	8.42	146	195239	43.253	ng		96
15) Benzyl Alcohol	8.30	79	177834	45.945	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	240882	34.321	ng		94
17) 2-Methylphenol	8.51	107	159695	48.320	ng		97
18) Hexachloroethane	9.15	117	74727	41.850	ng		95
19) n-Nitroso-di-n-propylamine	8.86	70	141478	41.852	ng		93
20) 3+4-Methylphenols	8.83	107	217408	48.002	ng		95
22) Acetophenone	8.88	105	276257	42.612	ng	#	93
24) Nitrobenzene	9.26	77	215757	43.714	ng		94
25) Isophorone	9.79	82	401323	44.154	ng		97
26) 2-Nitrophenol	9.97	139	104904	49.928	ng		99
27) 2,4-Dimethylphenol	10.04	122	175696	54.450	ng		94
28) bis(2-Chloroethoxy)methane	10.27	93	221019	42.859	ng		98
29) 2,4-Dichlorophenol	10.51	162	201620	50.241	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	225624	43.537	ng		98
31) Naphthalene	10.91	128	567083	45.803	ng		99
32) Benzoic acid	10.19	122	108101	43.854	ng		93
33) 4-Chloroaniline	11.02	127	161856	30.128	ng		95
34) Hexachlorobutadiene	11.20	225	158861	40.940	ng		99
35) Caprolactam	11.80	113	67042m	47.373	ng		
36) 4-Chloro-3-methylphenol	12.15	107	214432	49.144	ng		97
37) 2-Methylnaphthalene	12.52	142	430933	45.626	ng		98
38) 1-Methylnaphthalene	12.74	142	408377	45.694	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	282498	41.800	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	366555	85.125	ng	94
43) 2,4,6-Trichlorophenol	13.12	196	185252	46.832	ng	98
44) 2,4,5-Trichlorophenol	13.19	196	199550	48.970	ng	97
46) 1,1'-Biphenyl	13.52	154	583098	42.777	ng	98
47) 2-Chloronaphthalene	13.56	162	453344	44.360	ng	97
48) 2-Nitroaniline	13.76	65	147619	43.436	ng	90
49) Acenaphthylene	14.40	152	733472	46.904	ng	99
50) Dimethylphthalate	14.14	163	729708	54.182	ng	99
51) 2,6-Dinitrotoluene	14.25	165	136805	47.700	ng	90
52) Acenaphthene	14.74	154	448340	42.833	ng	99
53) 3-Nitroaniline	14.59	138	103038	34.763	ng	97
54) 2,4-Dinitrophenol	14.79	184	154504	86.667	ng	95
55) Dibenzofuran	15.08	168	710938	45.915	ng	99
56) 4-Nitrophenol	14.90	139	220629	97.694	ng	96
57) 2,4-Dinitrotoluene	15.04	165	195412	46.527	ng	94
58) Fluorene	15.73	166	597655	45.210	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	199300	45.935	ng	99
60) Diethylphthalate	15.50	149	588160	42.912	ng	97
61) 4-Chlorophenyl-phenylether	15.72	204	344850	43.497	ng	99
62) 4-Nitroaniline	15.75	138	142787	44.171	ng	98
63) Azobenzene	16.01	77	527382	42.263	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	117292	49.744	ng	96
66) n-Nitrosodiphenylamine	15.93	169	527675	47.970	ng	99
67) 4-Bromophenyl-phenylether	16.61	248	241167	46.113	ng	96
68) Hexachlorobenzene	16.74	284	269739	46.322	ng	96
69) Atrazine	16.88	200	205614	44.389	ng	99
70) Pentachlorophenol	17.08	266	326408	97.143	ng	99
71) Phenanthrene	17.47	178	961075	47.243	ng	98
72) Anthracene	17.56	178	973471	47.933	ng	99
73) Carbazole	17.83	167	880715	46.765	ng	99
74) Di-n-butylphthalate	18.38	149	1014009	45.128	ng	99
75) Fluoranthene	19.47	202	1294300	48.102	ng	99
77) Benzidine	19.65	184	617007	54.382	ng	99
78) Pyrene	19.84	202	1296008	47.920	ng	99
80) Butylbenzylphthalate	20.72	149	478937	46.654	ng	97
81) Benzo(a)anthracene	21.68	228	1318425	46.697	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	394443	35.620	ng	99
83) Chrysene	21.74	228	1260398	46.002	ng	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	690472	47.269	ng	99
85) Di-n-octyl phthalate	22.79	149	1185976	49.651	ng	96
86) Indeno(1,2,3-cd)pyrene	28.58	276	1690329	49.557	ng	99
88) Benzo(b)fluoranthene	23.89	252	1426447	47.483	ng	99
89) Benzo(k)fluoranthene	23.96	252	1381657	46.491	ng	99
90) Benzo(a)pyrene	24.76	252	1400921	49.428	ng	99
91) Dibenzo(a,h)anthracene	28.65	278	1415427	48.702	ng	98
92) Benzo(g,h,i)perylene	29.73	276	1399868	49.712	ng	95

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

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