Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
Data File : BG042264.D
Acq On : 16 Aug 2019 17:57
Operator : HP/JU
Sample : K4264-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
REACTOR-3-C1-C4-(0-2)MS

Manual Integrations APPROVED
Jagrut
8/19/2019 2:19:31 PM

Quant Time: Aug 19 09:07:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:42:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	61654	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	234970	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	171801	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	403789	20.00	ng		0.01
76) Chrysene-d12	21.71	240	438535	20.00	ng		0.01
87) Perylene-d12	24.97	264	539299	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	407113	128.47	ng		0.00
7) Phenol-d6	7.18	99	516528	120.91	ng		0.01
23) Nitrobenzene-d5	9.18	82	343655	100.65	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	360948	184.97	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	1038853	106.65	ng		0.00
79) Terphenyl-d14	20.04	244	1882503	98.23	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	44885	30.094	ng	#	52
3) Pyridine	3.85	79	86226	21.082	ng	#	76
4) n-Nitrosodimethylamine	3.75	42	47020	29.000	ng	#	66
6) Aniline	7.33	93	102123	16.976	ng		92
8) 2-Chlorophenol	7.58	128	169058	46.590	ng		87
9) Benzaldehyde	7.14	77	60045	19.975	ng		84
10) Phenol	7.21	94	168535	37.920	ng		93
11) bis(2-Chloroethyl)ether	7.43	93	140046	38.329	ng		86
12) 1,3-Dichlorobenzene	7.91	146	173481m	36.631	ng		
13) 1,4-Dichlorobenzene	8.05	146	176382	37.221	ng		96
14) 1,2-Dichlorobenzene	8.37	146	170955	37.807	ng		95
15) Benzyl Alcohol	8.25	79	126777	37.720	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.55	45	181507	27.922	ng		89
17) 2-Methylphenol	8.46	107	135066	41.786	ng		96
18) Hexachloroethane	9.10	117	58206	35.868	ng		90
19) n-Nitroso-di-n-propylamine	8.82	70	110608	35.661	ng	#	83
20) 3+4-Methylphenols	8.79	107	185579	41.955	ng		98
22) Acetophenone	8.84	105	235583	44.824	ng	#	86
24) Nitrobenzene	9.22	77	159469	44.332	ng		92
25) Isophorone	9.75	82	311245	41.904	ng		97
26) 2-Nitrophenol	9.94	139	103431	61.954	ng		90
27) 2,4-Dimethylphenol	10.00	122	160465	54.459	ng		100
28) bis(2-Chloroethoxy)methane	10.23	93	194853	41.980	ng		99
29) 2,4-Dichlorophenol	10.49	162	192953	53.774	ng		96
30) 1,2,4-Trichlorobenzene	10.70	180	205044	45.063	ng		99
31) Naphthalene	10.88	128	501576	46.641	ng		97
32) Benzoic acid	10.15	122	64168	33.669	ng		92
33) 4-Chloroaniline	11.00	127	29390	5.763	ng	#	92
34) Hexachlorobutadiene	11.18	225	127972	41.671	ng		98
35) Caprolactam	11.77	113	46137m	36.998	ng		
36) 4-Chloro-3-methylphenol	12.13	107	183461	51.572	ng		94
37) 2-Methylnaphthalene	12.50	142	405412	47.628	ng		96
38) 1-Methylnaphthalene	12.72	142	387476	48.034	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	253582	46.630	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	266870	87.283	ng		99
43) 2,4,6-Trichlorophenol	13.11	196	179447	52.208	ng		98
44) 2,4,5-Trichlorophenol	13.19	196	195791	54.815	ng	#	93
46) 1,1'-Biphenyl	13.51	154	536132	48.546	ng		94
47) 2-Chloronaphthalene	13.55	162	437360	46.514	ng		95
48) 2-Nitroaniline	13.75	65	105657	44.306	ng	#	76
49) Acenaphthylene	14.40	152	699359	49.724	ng		97
50) Dimethylphthalate	14.13	163	583530	49.733	ng		98
51) 2,6-Dinitrotoluene	14.25	165	140241	57.161	ng	#	78
52) Acenaphthene	14.74	154	412808	45.127	ng		98
53) 3-Nitroaniline	14.57	138	63768	24.295	ng	#	86
54) 2,4-Dinitrophenol	14.79	184	192381	112.430	ng	#	79
55) Dibenzofuran	15.07	168	695097	49.678	ng		93
56) 4-Nitrophenol	14.90	139	225751	113.308	ng	#	82
57) 2,4-Dinitrotoluene	15.04	165	200929	59.552	ng	#	84
58) Fluorene	15.73	166	567449	50.536	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	194207	54.897	ng	#	90
60) Diethylphthalate	15.49	149	576037	50.006	ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	333543	48.657	ng		94
62) 4-Nitroaniline	15.74	138	141244	49.682	ng		89
63) Azobenzene	16.01	77	403192	42.847	ng		89
65) 4,6-Dinitro-2-methylphenol	15.81	198	133724	64.857	ng		79
66) n-Nitrosodiphenylamine	15.93	169	543265	49.392	ng		96
67) 4-Bromophenyl-phenylether	16.61	248	233815	47.008	ng		94
68) Hexachlorobenzene	16.74	284	247702	47.602	ng	#	89
69) Atrazine	16.88	200	206202	47.715	ng		99
70) Pentachlorophenol	17.08	266	324828	109.886	ng		98
71) Phenanthrene	17.47	178	971996	50.220	ng		95
72) Anthracene	17.56	178	998355	51.720	ng		95
73) Carbazole	17.83	167	914616	52.790	ng		95
74) Di-n-butylphthalate	18.39	149	1024331	52.151	ng	#	95
75) Fluoranthene	19.49	202	1263978	53.727	ng		91
77) Benzidine	19.66	184	166407	11.626	ng		97
78) Pyrene	19.84	202	1272673	48.982	ng		92
80) Butylbenzylphthalate	20.73	149	507812	50.976	ng		88
81) Benzo(a)anthracene	21.70	228	1265581	48.778	ng		94
82) 3,3'-Dichlorobenzidine	21.60	252	362615	34.810	ng	#	96
83) Chrysene	21.76	228	1253808	50.413	ng		94
84) Bis(2-ethylhexyl)phthalate	21.60	149	713249	51.905	ng		98
85) Di-n-octyl phthalate	22.82	149	1235974	53.445	ng	#	86
86) Indeno(1,2,3-cd)pyrene	28.71	276	1719618	52.231	ng	#	88
88) Benzo(b)fluoranthene	23.94	252	1452268	49.226	ng	#	95
89) Benzo(k)fluoranthene	24.01	252	1363073	47.431	ng	#	96
90) Benzo(a)pyrene	24.82	252	1405336	49.668	ng	#	97
91) Dibenzo(a,h)anthracene	28.78	278	1418093	51.042	ng	#	96
92) Benzo(g,h,i)perylene	29.87	276	1440183	51.885	ng	#	93

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

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