Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042920\
Data File : BG045213.D
Acq On : 29 Apr 2020 20:19
Operator : CG/JU
Sample : L2422-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DUCK-ISLAND-ROLLOFFMS

Manual Integrations APPROVED
mohammad
4/30/2020 1:37:55 PM

Quant Time: Apr 30 01:02:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 29 12:24:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	60468	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	257978	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	197551	20.00	ng		0.00
64) Phenanthrene-d10	17.38	188	465487	20.00	ng		0.00
76) Chrysene-d12	21.64	240	424220	20.00	ng		0.00
87) Perylene-d12	24.82	264	482311	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	483848	132.10	ng		0.00
7) Phenol-d6	7.16	99	636479	116.96	ng		0.00
23) Nitrobenzene-d5	9.15	82	503473	89.05	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	408643	133.90	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	1198054	88.93	ng		0.00
79) Terphenyl-d14	19.99	244	2007644	103.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	63448	38.980	ng	#	50
3) Pyridine	3.86	79	152411	30.411	ng		99
4) n-Nitrosodimethylamine	3.76	42	69509	45.274	ng		95
6) Aniline	7.31	93	168527	23.819	ng		100
8) 2-Chlorophenol	7.56	128	204453	51.940	ng		97
9) Benzaldehyde	7.12	77	77297	21.068	ng		95
10) Phenol	7.19	94	231510	42.514	ng		98
11) bis(2-Chloroethyl)ether	7.40	93	191799	44.239	ng		100
12) 1,3-Dichlorobenzene	7.88	146	200530	43.232	ng		97
13) 1,4-Dichlorobenzene	8.03	146	199066	43.070	ng		96
14) 1,2-Dichlorobenzene	8.34	146	192102	43.445	ng		92
15) Benzyl Alcohol	8.23	79	208336	45.663	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.52	45	173110	40.675	ng		97
17) 2-Methylphenol	8.44	107	181128	43.111	ng		95
18) Hexachloroethane	9.08	117	75022	43.178	ng		97
19) n-Nitroso-di-n-propylamine	8.80	70	175663	45.646	ng		96
20) 3+4-Methylphenols	8.77	107	248779	42.304	ng		98
22) Acetophenone	8.81	105	321320	46.058	ng	#	97
24) Nitrobenzene	9.19	77	265823	45.868	ng		94
25) Isophorone	9.72	82	509440	44.000	ng		97
26) 2-Nitrophenol	9.90	139	121812	48.796	ng		98
27) 2,4-Dimethylphenol	9.97	122	196941	49.720	ng		92
28) bis(2-Chloroethoxy)methane	10.20	93	281810	46.325	ng		97
29) 2,4-Dichlorophenol	10.45	162	232245	50.778	ng		98
30) 1,2,4-Trichlorobenzene	10.67	180	238324	46.023	ng		99
31) Naphthalene	10.85	128	653364	46.296	ng		99
32) Benzoic acid	10.08	122	30177	14.552	ng		96
33) 4-Chloroaniline	10.95	127	29426	4.471	ng		95
34) Hexachlorobutadiene	11.15	225	156558	44.096	ng		97
35) Caprolactam	11.72	113	62540m	34.357	ng		
36) 4-Chloro-3-methylphenol	12.09	107	263177	48.982	ng		98
37) 2-Methylnaphthalene	12.46	142	513386	46.867	ng		98
38) 1-Methylnaphthalene	12.67	142	492961	47.670	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	286318	45.014	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 29 12:24:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	320347	80.581 ng		98
43) 2,4,6-Trichlorophenol	13.07	196	213005	47.449 ng		97
44) 2,4,5-Trichlorophenol	13.14	196	226337	44.295 ng		99
46) 1,1'-Biphenyl	13.47	154	665256	44.305 ng		98
47) 2-Chloronaphthalene	13.51	162	518660	45.206 ng		99
48) 2-Nitroaniline	13.70	65	168295	44.583 ng		98
49) Acenaphthylene	14.35	152	842971	45.107 ng		99
50) Dimethylphthalate	14.09	163	787138	48.935 ng		99
51) 2,6-Dinitrotoluene	14.20	165	166206	46.196 ng		96
52) Acenaphthene	14.70	154	583322m	46.133 ng		
53) 3-Nitroaniline	14.53	138	69633	17.646 ng		97
54) 2,4-Dinitrophenol	14.74	184	93543	43.724 ng		93
55) Dibenzofuran	15.03	168	844078	45.788 ng		99
56) 4-Nitrophenol	14.85	139	218805	71.514 ng		94
57) 2,4-Dinitrotoluene	14.99	165	233101	44.333 ng		98
58) Fluorene	15.68	166	711921	47.280 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	224665	49.414 ng		98
60) Diethylphthalate	15.45	149	753494	44.929 ng		99
61) 4-Chlorophenyl-phenylether	15.67	204	393698	45.425 ng		98
62) 4-Nitroaniline	15.69	138	151097	36.918 ng		89
63) Azobenzene	15.97	77	713875	46.170 ng		99
65) 4,6-Dinitro-2-methylphenol	15.76	198	100144	32.730 ng		96
66) n-Nitrosodiphenylamine	15.89	169	630290	47.127 ng		100
67) 4-Bromophenyl-phenylether	16.57	248	275803	45.928 ng		98
68) Hexachlorobenzene	16.69	284	295905	47.512 ng		98
69) Atrazine	16.84	200	255129	53.168 ng		98
70) Pentachlorophenol	17.03	266	290821	76.118 ng		98
71) Phenanthrene	17.42	178	1126355	47.088 ng		99
72) Anthracene	17.51	178	1158392	48.278 ng		99
73) Carbazole	17.78	167	1052447	43.222 ng		98
74) Di-n-butylphthalate	18.34	149	1265970	48.193 ng		100
75) Fluoranthene	19.43	202	1393011	50.269 ng		99
77) Benzidine	19.61	184	445405	34.915 ng		98
78) Pyrene	19.79	202	1357487	46.416 ng		98
80) Butylbenzylphthalate	20.68	149	562588	46.408 ng		99
81) Benzo(a)anthracene	21.63	228	1301346	47.330 ng		99
82) 3,3'-Dichlorobenzidine	21.54	252	251550	22.986 ng		97
83) Chrysene	21.69	228	1274786	48.254 ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	785536	47.114 ng		99
85) Di-n-octyl phthalate	22.74	149	1357950	47.099 ng		100
86) Indeno(1,2,3-cd)pyrene	28.42	276	1717966	48.980 ng	#	97
88) Benzo(b)fluoranthene	23.81	252	1417068	46.905 ng		99
89) Benzo(k)fluoranthene	23.88	252	1395908	48.585 ng		98
90) Benzo(a)pyrene	24.68	252	1308196	45.862 ng		98
91) Dibenzo(a,h)anthracene	28.49	278	1390169	48.366 ng		96
92) Benzo(g,h,i)perylene	29.55	276	1391689	48.295 ng		98

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

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