Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041720\
Data File : BG045046.D
Acq On : 18 Apr 2020 1:07
Operator : CG/JU
Sample : PB128298BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB128298BS

Manual Integrations APPROVED
mohammad
4/20/2020 2:28:11 PM

Quant Time: Apr 18 03:03:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 17 11:08:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	56408	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	247825	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	199770	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	486721	20.00	ng		0.00
76) Chrysene-d12	21.67	240	448629	20.00	ng		0.00
87) Perylene-d12	24.85	264	502912	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	504075	147.53	ng		0.00
7) Phenol-d6	7.19	99	745116	146.78	ng		0.00
23) Nitrobenzene-d5	9.18	82	469981	86.53	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	423945	137.37	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	1189013	87.27	ng		0.00
79) Terphenyl-d14	20.01	244	2008950	97.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	51783	34.103	ng		95
3) Pyridine	3.88	79	155461	33.252	ng		93
4) n-Nitrosodimethylamine	3.79	42	64185	44.816	ng		83
6) Aniline	7.34	93	220310	33.379	ng		97
8) 2-Chlorophenol	7.59	128	194331	52.922	ng		99
9) Benzaldehyde	7.15	77	92238	29.635	ng		97
10) Phenol	7.21	94	268220	52.801	ng		96
11) bis(2-Chloroethyl)ether	7.44	93	175530	43.400	ng		99
12) 1,3-Dichlorobenzene	7.92	146	190397	44.002	ng		99
13) 1,4-Dichlorobenzene	8.06	146	194025	45.001	ng		99
14) 1,2-Dichlorobenzene	8.38	146	184997	44.849	ng		98
15) Benzyl Alcohol	8.26	79	199823	46.950	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.55	45	166916	42.043	ng		98
17) 2-Methylphenol	8.46	107	185583	47.351	ng		94
18) Hexachloroethane	9.12	117	72598	44.790	ng		97
19) n-Nitroso-di-n-propylamine	8.83	70	167940	46.780	ng		99
20) 3+4-Methylphenols	8.79	107	262283	47.810	ng		99
22) Acetophenone	8.84	105	301508	44.989	ng	#	99
24) Nitrobenzene	9.22	77	247309	44.421	ng	#	94
25) Isophorone	9.75	82	486713	43.759	ng		98
26) 2-Nitrophenol	9.94	139	114787	47.866	ng		97
27) 2,4-Dimethylphenol	10.00	122	195838	51.467	ng		97
28) bis(2-Chloroethoxy)methane	10.23	93	270152	46.228	ng		99
29) 2,4-Dichlorophenol	10.48	162	224265	51.042	ng		96
30) 1,2,4-Trichlorobenzene	10.70	180	227437	45.720	ng		98
31) Naphthalene	10.88	128	616222	45.453	ng		98
32) Benzoic acid	10.15	122	140534	46.021	ng		97
33) 4-Chloroaniline	10.98	127	74155	11.729	ng		95
34) Hexachlorobutadiene	11.18	225	152345	44.667	ng		96
35) Caprolactam	11.75	113	85881m	49.112	ng		
36) 4-Chloro-3-methylphenol	12.11	107	265450	51.429	ng		99
37) 2-Methylnaphthalene	12.49	142	491119	46.671	ng		97
38) 1-Methylnaphthalene	12.70	142	477488	48.066	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	275408	42.818	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	405743	100.928	ng		98
43) 2,4,6-Trichlorophenol	13.09	196	212409	46.791	ng		94
44) 2,4,5-Trichlorophenol	13.16	196	230924	44.691	ng		99
46) 1,1'-Biphenyl	13.49	154	655506	43.171	ng		99
47) 2-Chloronaphthalene	13.53	162	507173	43.714	ng		99
48) 2-Nitroaniline	13.73	65	169635	44.439	ng		98
49) Acenaphthylene	14.38	152	852985	45.136	ng		100
50) Dimethylphthalate	14.11	163	736952	45.306	ng		98
51) 2,6-Dinitrotoluene	14.23	165	161832	44.480	ng		96
52) Acenaphthene	14.73	154	665633m	52.058	ng		
53) 3-Nitroaniline	14.55	138	81875	20.518	ng		95
54) 2,4-Dinitrophenol	14.76	184	218750	101.113	ng		98
55) Dibenzofuran	15.06	168	845621	45.362	ng		99
56) 4-Nitrophenol	14.87	139	276443	89.349	ng		93
57) 2,4-Dinitrotoluene	15.01	165	235572	44.306	ng		97
58) Fluorene	15.71	166	704361	46.258	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.28	232	230439	50.121	ng		98
60) Diethylphthalate	15.48	149	767732	45.270	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	401142	45.770	ng		98
62) 4-Nitroaniline	15.72	138	170448	41.183	ng		96
63) Azobenzene	15.99	77	720110	46.055	ng		98
65) 4,6-Dinitro-2-methylphenol	15.78	198	158108	49.421	ng		98
66) n-Nitrosodiphenylamine	15.91	169	638447	45.654	ng		98
67) 4-Bromophenyl-phenylether	16.59	248	279307	44.482	ng		97
68) Hexachlorobenzene	16.72	284	300043	46.074	ng		97
69) Atrazine	16.86	200	263025	52.347	ng		99
70) Pentachlorophenol	17.06	266	373790	93.565	ng		99
71) Phenanthrene	17.45	178	1150155	45.985	ng		99
72) Anthracene	17.54	178	1173249	46.764	ng		100
73) Carbazole	17.80	167	1074450	42.201	ng		99
74) Di-n-butylphthalate	18.37	149	1279262	46.339	ng		99
75) Fluoranthene	19.45	202	1405449	48.254	ng		98
77) Benzidine	19.62	184	672779	52.809	ng		98
78) Pyrene	19.81	202	1364652	44.123	ng		99
80) Butylbenzylphthalate	20.70	149	562279	43.858	ng		97
81) Benzo(a)anthracene	21.65	228	1338965	46.048	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	342616	29.603	ng		98
83) Chrysene	21.72	228	1282283	45.897	ng		100
84) Bis(2-ethylhexyl)phthalate	21.57	149	798346	45.277	ng		98
85) Di-n-octyl phthalate	22.77	149	1368851	44.894	ng		100
86) Indeno(1,2,3-cd)pyrene	28.48	276	1766452	47.622	ng	#	97
88) Benzo(b)fluoranthene	23.85	252	1463881	46.469	ng		99
89) Benzo(k)fluoranthene	23.91	252	1419212	47.372	ng		99
90) Benzo(a)pyrene	24.71	252	1358956	45.690	ng		99
91) Dibenzo(a,h)anthracene	28.55	278	1423585	47.500	ng		96
92) Benzo(g,h,i)perylene	29.61	276	1432861	47.687	ng		99

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

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