Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041620\
Data File : BG045010.D
Acq On : 16 Apr 2020 17:31
Operator : CG/JU
Sample : PB128228BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB128228BS

Manual Integrations APPROVED
mohammad
4/17/2020 1:51:36 PM

Quant Time: Apr 16 18:07:55 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 15 17:57:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	57774	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	254749	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	204316	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	516248	20.00	ng		0.00
76) Chrysene-d12	21.67	240	477967	20.00	ng		0.00
87) Perylene-d12	24.85	264	546118	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	543523	155.32	ng		0.00
7) Phenol-d6	7.18	99	795991	153.10	ng		0.00
23) Nitrobenzene-d5	9.18	82	487877	87.39	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	446006	141.30	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	1214666	87.17	ng		0.00
79) Terphenyl-d14	20.01	244	2193382	100.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	60389	38.830	ng		98
3) Pyridine	3.87	79	176673	36.896	ng		98
4) n-Nitrosodimethylamine	3.79	42	69621	47.462	ng	#	92
6) Aniline	7.34	93	256952	38.010	ng		97
8) 2-Chlorophenol	7.59	128	207392	55.143	ng		99
9) Benzaldehyde	7.15	77	104684	34.155	ng		97
10) Phenol	7.21	94	283459	54.481	ng		99
11) bis(2-Chloroethyl)ether	7.43	93	186776	45.089	ng		96
12) 1,3-Dichlorobenzene	7.91	146	205094	46.278	ng		97
13) 1,4-Dichlorobenzene	8.06	146	208124	47.129	ng		98
14) 1,2-Dichlorobenzene	8.38	146	194756	46.099	ng		94
15) Benzyl Alcohol	8.26	79	217910	49.989	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	176338	43.366	ng		97
17) 2-Methylphenol	8.46	107	195135	48.611	ng		98
18) Hexachloroethane	9.11	117	77281	46.552	ng		97
19) n-Nitroso-di-n-propylamine	8.83	70	172446	46.899	ng		98
20) 3+4-Methylphenols	8.79	107	278424	49.552	ng		99
22) Acetophenone	8.84	105	317344	46.065	ng	#	97
24) Nitrobenzene	9.22	77	260291	45.483	ng		98
25) Isophorone	9.75	82	495259	43.317	ng		97
26) 2-Nitrophenol	9.94	139	121147	49.145	ng		100
27) 2,4-Dimethylphenol	10.00	122	206335	52.752	ng		96
28) bis(2-Chloroethoxy)methane	10.23	93	285487	47.524	ng		96
29) 2,4-Dichlorophenol	10.47	162	236661	52.400	ng		98
30) 1,2,4-Trichlorobenzene	10.70	180	229827	44.944	ng		98
31) Naphthalene	10.88	128	640229	45.941	ng		99
32) Benzoic acid	10.14	122	161057	50.576	ng		99
33) 4-Chloroaniline	10.98	127	164816	25.359	ng		97
34) Hexachlorobutadiene	11.18	225	152165	43.402	ng		96
35) Caprolactam	11.75	113	91550m	50.931	ng		
36) 4-Chloro-3-methylphenol	12.11	107	284786	53.676	ng		98
37) 2-Methylnaphthalene	12.49	142	519111	47.991	ng		99
38) 1-Methylnaphthalene	12.70	142	492606	48.240	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	278815	42.383	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	385951	93.868	ng		98
43) 2,4,6-Trichlorophenol	13.09	196	224904	48.441	ng		93
44) 2,4,5-Trichlorophenol	13.16	196	248122	46.951	ng		98
46) 1,1'-Biphenyl	13.49	154	673726	43.384	ng		99
47) 2-Chloronaphthalene	13.53	162	528126	44.507	ng		100
48) 2-Nitroaniline	13.73	65	182310	46.696	ng		97
49) Acenaphthylene	14.38	152	891495	46.124	ng		99
50) Dimethylphthalate	14.11	163	762453	45.831	ng		99
51) 2,6-Dinitrotoluene	14.22	165	172993	46.490	ng		97
52) Acenaphthene	14.72	154	620643	47.459	ng		99
53) 3-Nitroaniline	14.55	138	128044	31.375	ng		96
54) 2,4-Dinitrophenol	14.75	184	136128	61.522	ng		96
55) Dibenzofuran	15.05	168	882812	46.304	ng		98
56) 4-Nitrophenol	14.87	139	299781	94.736	ng		97
57) 2,4-Dinitrotoluene	15.01	165	252239	46.385	ng		97
58) Fluorene	15.71	166	744179	47.786	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.28	232	242230	51.513	ng		98
60) Diethylphthalate	15.48	149	791043	45.606	ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	409630	45.698	ng		99
62) 4-Nitroaniline	15.72	138	191043	45.132	ng		98
63) Azobenzene	15.99	77	764253	47.791	ng		98
65) 4,6-Dinitro-2-methylphenol	15.78	198	138907	40.935	ng		97
66) n-Nitrosodiphenylamine	15.91	169	676968	45.640	ng		98
67) 4-Bromophenyl-phenylether	16.59	248	289443	43.460	ng		98
68) Hexachlorobenzene	16.72	284	313555	45.395	ng		96
69) Atrazine	16.86	200	291878	55.014	ng		100
70) Pentachlorophenol	17.06	266	372991	88.025	ng		97
71) Phenanthrene	17.44	178	1237522	46.649	ng		98
72) Anthracene	17.53	178	1264046	47.501	ng		98
73) Carbazole	17.80	167	1185485	43.899	ng		98
74) Di-n-butylphthalate	18.37	149	1411416	48.483	ng		99
75) Fluoranthene	19.45	202	1546840	50.340	ng		99
77) Benzidine	19.62	184	810682	60.627	ng		97
78) Pyrene	19.81	202	1515827	46.002	ng		100
80) Butylbenzylphthalate	20.70	149	633912	46.411	ng		98
81) Benzo(a)anthracene	21.65	228	1476023	47.646	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	371659	30.142	ng		98
83) Chrysene	21.71	228	1407652	47.292	ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	890730	47.416	ng		100
85) Di-n-octyl phthalate	22.77	149	1542298	47.478	ng		100
86) Indeno(1,2,3-cd)pyrene	28.47	276	1941313	49.124	ng		100
88) Benzo(b)fluoranthene	23.85	252	1606461	46.961	ng		99
89) Benzo(k)fluoranthene	23.91	252	1567620	48.186	ng		98
90) Benzo(a)pyrene	24.71	252	1499538	46.428	ng	#	98
91) Dibenzo(a,h)anthracene	28.54	278	1566487	48.133	ng		97
92) Benzo(g,h,i)perylene	29.60	276	1588071	48.671	ng		98

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

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