Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
Data File : BG044881.D
Acq On : 19 Mar 2020 2:26
Operator : CG/JU
Sample : L1942-25MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-5-DAMSD

Manual Integrations APPROVED
mohammad
3/19/2020 12:34:57 PM

Quant Time: Mar 19 03:58:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	84893	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	318098	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	214307	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	493515	20.00	ng		-0.01
76) Chrysene-d12	21.69	240	487927	20.00	ng		-0.01
87) Perylene-d12	24.89	264	539884	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	527325	96.70	ng		0.00
7) Phenol-d6	7.21	99	728948	92.00	ng		0.00
23) Nitrobenzene-d5	9.20	82	466330	64.33	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	293567	104.62	ng		-0.01
45) 2-Fluorobiphenyl	13.30	172	975992	65.22	ng		0.00
79) Terphenyl-d14	20.03	244	1626544	62.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	91675	34.909	ng		98
3) Pyridine	3.90	79	217596	27.989	ng		97
4) n-Nitrosodimethylamine	3.82	42	109461	37.109	ng		89
6) Aniline	7.37	93	123003	12.476	ng		97
8) 2-Chlorophenol	7.61	128	232427	42.695	ng		98
9) Benzaldehyde	7.17	77	182095	36.929	ng		97
10) Phenol	7.23	94	321703	41.010	ng		99
11) bis(2-Chloroethyl)ether	7.46	93	229661	36.684	ng		96
12) 1,3-Dichlorobenzene	7.93	146	255400	38.085	ng		98
13) 1,4-Dichlorobenzene	8.08	146	253630	38.256	ng		97
14) 1,2-Dichlorobenzene	8.40	146	234882	37.355	ng		95
15) Benzyl Alcohol	8.28	79	238717	37.550	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.58	45	337983	30.592	ng		99
17) 2-Methylphenol	8.48	107	211831	39.865	ng		98
18) Hexachloroethane	9.13	117	99958	38.296	ng		95
19) n-Nitroso-di-n-propylamine	8.85	70	190085	33.975	ng		94
20) 3+4-Methylphenols	8.81	107	289983	39.589	ng		98
22) Acetophenone	8.86	105	343625	38.131	ng	#	98
24) Nitrobenzene	9.24	77	294135	39.105	ng		95
25) Isophorone	9.77	82	522757	36.949	ng		99
26) 2-Nitrophenol	9.96	139	125413	48.024	ng		95
27) 2,4-Dimethylphenol	10.01	122	213062	46.244	ng		96
28) bis(2-Chloroethoxy)methane	10.25	93	299907	35.520	ng		98
29) 2,4-Dichlorophenol	10.50	162	238718	44.360	ng		96
30) 1,2,4-Trichlorobenzene	10.71	180	253619	39.415	ng		96
31) Naphthalene	10.90	128	693208	39.340	ng		99
32) Benzoic acid	10.16	122	136926	40.134	ng		95
33) 4-Chloroaniline	11.00	127	53509	6.740	ng		97
34) Hexachlorobutadiene	11.20	225	166978	39.460	ng		95
35) Caprolactam	11.76	113	78603m	38.578	ng		
36) 4-Chloro-3-methylphenol	12.12	107	262537	40.905	ng		96
37) 2-Methylnaphthalene	12.51	142	508904	38.608	ng		96
38) 1-Methylnaphthalene	12.72	142	488299	39.404	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	274826	38.939	ng		98

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Quant Time: Mar 19 03:58:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	398525	103.322	ng		99
43) 2,4,6-Trichlorophenol	13.11	196	202687	43.273	ng		99
44) 2,4,5-Trichlorophenol	13.18	196	216166	44.501	ng		95
46) 1,1'-Biphenyl	13.51	154	642942	37.542	ng		97
47) 2-Chloronaphthalene	13.55	162	489943	37.450	ng		100
48) 2-Nitroaniline	13.75	65	178208	38.909	ng		97
49) Acenaphthylene	14.40	152	823422	40.175	ng		98
50) Dimethylphthalate	14.13	163	738079	43.242	ng		99
51) 2,6-Dinitrotoluene	14.24	165	149823	43.547	ng		98
52) Acenaphthene	14.74	154	594810	44.313	ng		97
53) 3-Nitroaniline	14.57	138	34333	8.680	ng		85
54) 2,4-Dinitrophenol	14.77	184	177769	96.915	ng		94
55) Dibenzofuran	15.07	168	773851	39.756	ng		99
56) 4-Nitrophenol	14.87	139	259488	85.957	ng		95
57) 2,4-Dinitrotoluene	15.03	165	208150	44.113	ng		97
58) Fluorene	15.73	166	633224	39.547	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	204972	45.833	ng		96
60) Diethylphthalate	15.50	149	673420	37.828	ng		98
61) 4-Chlorophenyl-phenylether	15.72	204	339737	39.404	ng		98
62) 4-Nitroaniline	15.73	138	143043	33.914	ng		97
63) Azobenzene	16.01	77	679778	36.771	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	124036	52.538	ng		96
66) n-Nitrosodiphenylamine	15.93	169	572467	38.529	ng		99
67) 4-Bromophenyl-phenylether	16.61	248	238627	38.678	ng		98
68) Hexachlorobenzene	16.73	284	258187	38.573	ng		98
69) Atrazine	16.88	200	232716	42.750	ng		98
70) Pentachlorophenol	17.07	266	334154	90.734	ng		99
71) Phenanthrene	17.46	178	1022654	38.777	ng		99
72) Anthracene	17.55	178	1054640	40.555	ng		99
73) Carbazole	17.82	167	982167	39.319	ng		99
74) Di-n-butylphthalate	18.39	149	1180495	38.876	ng		100
75) Fluoranthene	19.47	202	1297696	41.327	ng		99
77) Benzidine	19.64	184	372331	23.506	ng		96
78) Pyrene	19.83	202	1293373	36.130	ng		99
80) Butylbenzylphthalate	20.72	149	564043	35.417	ng		100
81) Benzo(a)anthracene	21.67	228	1280755	36.453	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	151942	11.179	ng		99
83) Chrysene	21.74	228	1196518	35.652	ng		100
84) Bis(2-ethylhexyl)phthalate	21.60	149	788713	35.884	ng		98
85) Di-n-octyl phthalate	22.81	149	1344041	36.543	ng		99
86) Indeno(1,2,3-cd)pyrene	28.54	276	1618103	36.775	ng	#	94
88) Benzo(b)fluoranthene	23.88	252	1390776	39.021	ng		99
89) Benzo(k)fluoranthene	23.95	252	1311432	38.881	ng		100
90) Benzo(a)pyrene	24.74	252	1260506	37.796	ng		97
91) Dibenzo(a,h)anthracene	28.60	278	1314508	39.952	ng		97
92) Benzo(g,h,i)perylene	29.67	276	1354043	40.733	ng		98

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

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