Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081120\
Data File : BG046220.D
Acq On : 11 Aug 2020 16:46
Operator : CG/JU
Sample : L3624-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-TP-1MSD

Manual Integrations APPROVED
mohammad
8/12/2020 1:48:12 PM

Quant Time: Aug 11 17:26:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 18:43:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	85925	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	346595	20.00	ng		0.00
39) Acenaphthene-d10	14.58	164	250545	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	621899	20.00	ng		0.00
76) Chrysene-d12	21.57	240	619637	20.00	ng		0.00
86) Perylene-d12	24.67	264	668292	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	395269	79.97	ng		0.00
7) Phenol-d6	7.12	99	531043	78.83	ng		0.00
23) Nitrobenzene-d5	9.10	82	348179	54.39	ng		0.00
42) 2,4,6-Tribromophenol	16.06	330	331896	86.24	ng		0.00
45) 2-Fluorobiphenyl	13.20	172	907761	52.63	ng		0.00
79) Terphenyl-d14	19.93	244	1525162	50.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	80096	35.602	ng		97
3) Pyridine	3.83	79	179569	28.994	ng		95
4) n-Nitrosodimethylamine	3.74	42	100832	38.253	ng		97
6) Aniline	7.27	93	235992	29.430	ng		99
8) 2-Chlorophenol	7.52	128	250894	45.924	ng		99
9) Benzaldehyde	7.09	77	157418	39.380	ng		95
10) Phenol	7.15	94	308715	45.611	ng		99
11) bis(2-Chloroethyl)ether	7.37	93	227947	42.340	ng		99
12) 1,3-Dichlorobenzene	7.84	146	274136	41.398	ng		99
13) 1,4-Dichlorobenzene	7.99	146	275595	41.446	ng		99
14) 1,2-Dichlorobenzene	8.30	146	265700	42.368	ng		99
15) Benzyl Alcohol	8.19	79	214354	46.060	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	360680	40.864	ng		99
17) 2-Methylphenol	8.40	107	215718	47.209	ng		99
18) Hexachloroethane	9.04	117	94729	42.596	ng		98
19) n-Nitroso-di-n-propylamine	8.76	70	185597	42.333	ng		98
20) 3+4-Methylphenols	8.72	107	297846	47.623	ng		99
22) Acetophenone	8.77	105	356228	40.049	ng	#	97
24) Nitrobenzene	9.14	77	259698	38.050	ng		98
25) Isophorone	9.67	82	520910	40.895	ng		99
26) 2-Nitrophenol	9.85	139	147278	47.613	ng		99
27) 2,4-Dimethylphenol	9.92	122	240223	47.734	ng		97
28) bis(2-Chloroethoxy)methane	10.15	93	318939	46.048	ng		99
29) 2,4-Dichlorophenol	10.39	162	276498	46.706	ng		99
30) 1,2,4-Trichlorobenzene	10.61	180	283775	40.919	ng		98
31) Naphthalene	10.80	128	733608	40.003	ng		99
32) Benzoic acid	10.04	122	100456	31.239	ng		98
33) 4-Chloroaniline	10.90	127	163954	21.878	ng		98
34) Hexachlorobutadiene	11.09	225	185522	40.186	ng		99
35) Caprolactam	11.67	113	107166m	55.308	ng		
36) 4-Chloro-3-methylphenol	12.03	107	283285	48.762	ng		98
37) 2-Methylnaphthalene	12.40	142	592790	42.008	ng		99
38) 1-Methylnaphthalene	12.62	142	563422	42.194	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	343531	38.055	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	467470	90.281	ng		99
43) 2,4,6-Trichlorophenol	13.01	196	260326	45.201	ng		98
44) 2,4,5-Trichlorophenol	13.09	196	287480	45.748	ng		93
46) 1,1'-Biphenyl	13.41	154	777324	39.550	ng		99
47) 2-Chloronaphthalene	13.46	162	610860	38.964	ng		99
48) 2-Nitroaniline	13.65	65	184616	44.925	ng		96
49) Acenaphthylene	14.30	152	985827	40.495	ng		99
50) Dimethylphthalate	14.04	163	893813	46.481	ng		100
51) 2,6-Dinitrotoluene	14.15	165	192365	42.983	ng		89
52) Acenaphthene	14.64	154	655199	40.779	ng		99
53) 3-Nitroaniline	14.47	138	113241	25.523	ng		100
54) 2,4-Dinitrophenol	14.68	184	114105	43.755	ng		95
55) Dibenzofuran	14.98	168	961488	39.659	ng		99
56) 4-Nitrophenol	14.79	139	349492	90.729	ng		98
57) 2,4-Dinitrotoluene	14.94	165	276290	44.901	ng		93
58) Fluorene	15.62	166	802507	40.874	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	295441	49.914	ng		98
60) Diethylphthalate	15.40	149	841741	44.497	ng		98
61) 4-Chlorophenyl-phenylether	15.62	204	445408	43.436	ng		97
62) 4-Nitroaniline	15.64	138	206010	46.167	ng		99
63) Azobenzene	15.91	77	717068	40.447	ng		97
65) 4,6-Dinitro-2-methylphenol	15.70	198	145486	35.373	ng		87
66) n-Nitrosodiphenylamine	15.83	169	756441	40.183	ng		98
67) 4-Bromophenyl-phenylether	16.51	248	324468	42.232	ng		96
68) Hexachlorobenzene	16.63	284	358053	41.561	ng		95
69) Atrazine	16.78	200	289602	39.951	ng		99
70) Pentachlorophenol	16.98	266	463890	82.988	ng		99
71) Phenanthrene	17.36	178	1341730	39.386	ng		99
72) Anthracene	17.45	178	1386865	40.928	ng		98
73) Carbazole	17.72	167	1260402	38.575	ng		99
74) Di-n-butylphthalate	18.29	149	1466480	42.938	ng		100
75) Fluoranthene	19.37	202	1658179	38.988	ng		98
77) Benzidine	19.54	184	827558	47.150	ng		99
78) Pyrene	19.73	202	1648101	39.586	ng		99
80) Butylbenzylphthalate	20.62	149	660766	43.813	ng		98
81) Benzo(a)anthracene	21.55	228	1635127	39.432	ng		99
82) 3,3'-Dichlorobenzidine	21.46	252	433618	25.182	ng		99
83) Chrysene	21.61	228	1563214	38.483	ng		99
84) Bis(2-ethylhexyl)phthalate	21.48	149	920322	42.683	ng		98
85) Di-n-octyl phthalate	22.65	149	1608430	44.057	ng		99
87) Indeno(1,2,3-cd)pyrene	28.19	276	2128243	41.757	ng	#	95
88) Benzo(b)fluoranthene	23.69	252	1803383	40.269	ng		99
89) Benzo(k)fluoranthene	23.76	252	1720727	39.174	ng		99
90) Benzo(a)pyrene	24.53	252	1654664	39.707	ng		99
91) Dibenzo(a,h)anthracene	28.25	278	1744429	40.942	ng		99
92) Benzo(g,h,i)perylene	29.29	276	1777356	41.305	ng		99

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

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