Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090920\
Data File : BG046577.D
Acq On : 9 Sep 2020 17:57
Operator : CG/JU
Sample : L3932-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-218MS

Manual Integrations APPROVED
mohammad
9/10/2020 10:35:59 AM

Quant Time: Sep 09 18:44:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	66355	20.00	ng		-0.01
21) Naphthalene-d8	10.73	136	273293	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	191715	20.00	ng		0.00
64) Phenanthrene-d10	17.31	188	391075	20.00	ng		0.00
76) Chrysene-d12	21.56	240	435849	20.00	ng		0.00
86) Perylene-d12	24.65	264	455048	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	294017	78.48	ng		0.00
7) Phenol-d6	7.10	99	397090	74.77	ng		0.00
23) Nitrobenzene-d5	9.08	82	265263	55.48	ng		0.00
42) 2,4,6-Tribromophenol	16.06	330	191981	73.91	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	771452	61.43	ng		0.00
79) Terphenyl-d14	19.92	244	1091524	53.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	50552	32.434	ng		95
3) Pyridine	3.81	79	150997	33.112	ng		97
4) n-Nitrosodimethylamine	3.72	42	68250	40.579	ng		96
6) Aniline	7.25	93	156254	26.146	ng		99
8) 2-Chlorophenol	7.50	128	172749	43.628	ng		99
9) Benzaldehyde	7.06	77	93498	31.423	ng		96
10) Phenol	7.13	94	215260	44.006	ng		98
11) bis(2-Chloroethyl)ether	7.35	93	161683	41.121	ng		98
12) 1,3-Dichlorobenzene	7.82	146	205785	40.935	ng		98
13) 1,4-Dichlorobenzene	7.97	146	204262	40.586	ng		99
14) 1,2-Dichlorobenzene	8.28	146	199858	41.415	ng		99
15) Benzyl Alcohol	8.16	79	147241	43.183	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	247749	40.622	ng		99
17) 2-Methylphenol	8.38	107	148658	42.853	ng		99
18) Hexachloroethane	9.01	117	71168	41.706	ng		98
19) n-Nitroso-di-n-propylamine	8.73	70	130213	40.989	ng		98
20) 3+4-Methylphenols	8.70	107	202341	42.258	ng		96
22) Acetophenone	8.75	105	252742	37.992	ng	#	98
24) Nitrobenzene	9.12	77	184261	39.006	ng		98
25) Isophorone	9.65	82	363986	41.520	ng		99
26) 2-Nitrophenol	9.83	139	104406	41.890	ng		94
27) 2,4-Dimethylphenol	9.90	122	166730	48.637	ng		98
28) bis(2-Chloroethoxy)methane	10.13	93	219888	38.970	ng		99
29) 2,4-Dichlorophenol	10.38	162	196695	43.042	ng		99
30) 1,2,4-Trichlorobenzene	10.59	180	218544	40.306	ng		99
31) Naphthalene	10.77	128	552403	41.397	ng		99
32) Benzoic acid	10.06	122	97382	40.557	ng		96
33) 4-Chloroaniline	10.88	127	124331	21.130	ng		98
34) Hexachlorobutadiene	11.07	225	146231	41.545	ng		100
35) Caprolactam	11.65	113	67551m	39.545	ng		
36) 4-Chloro-3-methylphenol	12.02	107	198068	44.315	ng		97
37) 2-Methylnaphthalene	12.38	142	455000	43.235	ng		97
38) 1-Methylnaphthalene	12.60	142	427227	42.857	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	278562	44.062	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	323905	117.828	ng		99
43) 2,4,6-Trichlorophenol	12.99	196	184363	43.214	ng		99
44) 2,4,5-Trichlorophenol	13.07	196	197745	44.115	ng		97
46) 1,1'-Biphenyl	13.39	154	581130	43.568	ng		97
47) 2-Chloronaphthalene	13.44	162	466184	41.222	ng		98
48) 2-Nitroaniline	13.63	65	121191	38.592	ng		97
49) Acenaphthylene	14.28	152	715846	41.728	ng		100
50) Dimethylphthalate	14.02	163	644775	43.472	ng		99
51) 2,6-Dinitrotoluene	14.13	165	140737	43.046	ng		95
52) Acenaphthene	14.63	154	426168	40.088	ng		99
53) 3-Nitroaniline	14.46	138	105891	29.900	ng	#	97
54) 2,4-Dinitrophenol	14.67	184	163292	85.564	ng		97
55) Dibenzofuran	14.96	168	679646	39.837	ng		98
56) 4-Nitrophenol	14.79	139	208171	79.869	ng	#	80
57) 2,4-Dinitrotoluene	14.92	165	176292	37.815	ng		98
58) Fluorene	15.61	166	558859	39.029	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.19	232	172307	39.585	ng	#	99
60) Diethylphthalate	15.39	149	536697	37.113	ng		97
61) 4-Chlorophenyl-phenylether	15.60	204	313658	39.774	ng		95
62) 4-Nitroaniline	15.63	138	118029	31.585	ng		90
63) Azobenzene	15.90	77	472675	40.182	ng		97
65) 4,6-Dinitro-2-methylphenol	15.70	198	115663	52.253	ng	#	76
66) n-Nitrosodiphenylamine	15.82	169	498847	47.282	ng		99
67) 4-Bromophenyl-phenylether	16.50	248	195470	42.842	ng	#	92
68) Hexachlorobenzene	16.63	284	207826	41.129	ng	#	92
69) Atrazine	16.78	200	151485	35.196	ng		83
70) Pentachlorophenol	16.97	266	241174	91.351	ng		99
71) Phenanthrene	17.35	178	866550m	43.716	ng		
72) Anthracene	17.45	178	843778	43.144	ng		96
73) Carbazole	17.71	167	746125	40.407	ng	#	96
74) Di-n-butylphthalate	18.28	149	863932	40.688	ng		96
75) Fluoranthene	19.36	202	1006056	39.439	ng		99
77) Benzidine	19.54	184	418266	41.299	ng	#	92
78) Pyrene	19.73	202	1039960	37.470	ng		99
80) Butylbenzylphthalate	20.61	149	415877	38.415	ng		93
81) Benzo(a)anthracene	21.54	228	1104971	40.674	ng		100
82) 3,3'-Dichlorobenzidine	21.45	252	83321	8.265	ng		99
83) Chrysene	21.60	228	1072537	41.043	ng		100
84) Bis(2-ethylhexyl)phthalate	21.46	149	632238	42.795	ng		99
85) Di-n-octyl phthalate	22.62	149	1080105	42.698	ng		99
87) Indeno(1,2,3-cd)pyrene	28.16	276	1392298	42.601	ng		100
88) Benzo(b)fluoranthene	23.68	252	1157217	40.727	ng		98
89) Benzo(k)fluoranthene	23.74	252	1149754	41.869	ng		98
90) Benzo(a)pyrene	24.51	252	1074613	40.527	ng		100
91) Dibenzo(a,h)anthracene	28.22	278	1147440	43.507	ng		98
92) Benzo(g,h,i)perylene	29.26	276	1168466	44.367	ng		98

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

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